



Embassy of the United States of America

San Salvador, March 18, 2015

Dear Prospective Quoter:

SUBJECT: Solicitation Number RFQ SES60015Q0019
Routine Elevator Maintenance

The Embassy of the United States of America invites you to submit a quotation for Routine Elevator Maintenance.

The Embassy intends to conduct a pre-quotation site visit, and all prospective quoters who have received a solicitation package will be invited to attend. See Section 3 of the attached Request for Quotations (RFQ).

Submit your quotation in a sealed envelope marked "Quotation Enclosed" to the following address: US Embassy San Salvador, Blvd. Santa Elena y Calle Conchagua, Portón Norte, Antiguo Cuscatlan, La Libertad, El Salvador on or before Wednesday, April 8, 2015 at 11:00 am. No quotations will be accepted after this time.

In order for a quotation to be considered, you must also complete and submit the following:

1. SF-18
2. Section 1 pricing;
3. Section 5, Representations and Certifications;
4. Additional information as required in Section 3.

Direct any questions regarding this solicitation to Kryssia de Blandon by email or by telephone at blandonki@state.gov and/or (503)2501-2830 during regular business hours.

Sincerely,

A handwritten signature in black ink, appearing to read "SBowers".

Scott Bowers
Contracting Officer

REQUEST FOR QUOTATIONS <i>(THIS IS NOT AN ORDER)</i>	THIS RFQ <input type="checkbox"/> IS <input checked="" type="checkbox"/> IS NOT A SMALL BUSINESS- SMALL PURCHASE SET-ASIDE (52.219-4)	PAGE 1	OF 1	PAGES 104
--	--	-----------	---------	--------------

1. REQUEST NO. SES600-15-Q-0019	2. DATE ISSUED 03/18/2015	3. REQUISITION/PURCHASE REQUEST NO. PR3865175	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	RATING
---	-------------------------------------	---	--	--------

5A. ISSUED BY General Services Office, American Embassy, (North Gate) Blvd. y Urb. Santa Elena, final Calle Conchagua, Antiguo Cuscatlán, El Salvador	6. DELIVER BY <i>(Date)</i> 30 DAYS
---	---

5B. FOR INFORMATION CALL: <i>(Name and telephone no.) (No collect calls)</i>		7. DELIVERY
NAME Kryssia Blandon	TELEPHONE NUMBER AREA CODE NUMBER 2501-2830	FOB DESTINATION <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <i>(See Schedule)</i>

8. TO:		9. DESTINATION	
a. NAME	b. COMPANY	a. NAME OF CONSIGNEE Embajada Americana	
c. STREET ADDRESS		b. STREET ADDRESS Blvd. y Urb. Santa Elena, Antiguo Cuscatlan,	
d. CITY	e. STATE	f. ZIP CODE	c. CITY El Salvador
		d. STATE	e. ZIP CODE

10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5A ON OR BEFORE CLOSE OF BUSINESS <i>(Date)</i> April 8, 2015 before 11:00 a.m.	IMPORTANT: This is a request for information, and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5A. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter
--	---

11. SCHEDULE *(Include applicable Federal, State and local taxes)*

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
1	Provide a quotation for Routine Elevator Maintenance, as per attached Scope of Work. Site visits: US Embassy San Salvador – Wednesday, March 25, 2015 at 10:00 a.m. Quotations to be delivered at the US Embassy North Gate final Calle Conchagua. Closing date: April 8, 2015 before 11:00 a.m. No late proposals will be accepted. IVA exemption card EU-14-107 applied.				

12 DISCOUNT FOR PROMPT PAYMENT	a. 10 CALENDAR DAYS %	b. 20 CALENDAR DAYS %	c. 30 CALENDAR DAYS %	d. CALENDAR DAYS NUMBER %
--------------------------------	--------------------------	--------------------------	--------------------------	------------------------------

NOTE: Additional provisions and representations are are not attached.

13 NAME AND ADDRESS OF QUOTER		14 SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION	15 DATE OF QUOTATION	
a. NAME OF QUOTER				
b. STREET ADDRESS		16. SIGNER		
c. COUNTY		a. NAME (Type or print)		b. TELEPHONE
d. CITY	e. STATE	f. ZIP CODE	c. TITLE (Type or print)	
				AREA CODE
				NUMBER

TABLE OF CONTENTS

Section 1 - The Schedule

- SF 18 or SF 1449 cover sheet
- Attachment 1 – Work Statement / List of Elevators to be Maintained

Section 2 - Contract Clauses

- Contract Clauses
- Addendum to Contract Clauses - FAR and DOSAR Clauses not Prescribed in Part 12

Section 3 - Solicitation Provisions

- Solicitation Provisions
- Addendum to Solicitation Provisions - FAR and DOSAR Provisions not Prescribed in Part 12

Section 4 - Evaluation Factors

- Evaluation Factors
- Addendum to Evaluation Factors - FAR and DOSAR Provisions not Prescribed in Part 12

Section 5 - Representations and Certifications

- Offeror Representations and Certifications
- Addendum to Offeror Representations and Certifications - FAR and DOSAR Provisions not Prescribed in Part 12

SECTION 1 - THE SCHEDULE

Continuation/Addendum to SF-1449
RFQ Number SES60015Q0019
PRICES, BLOCK 23

1.0 DESCRIPTION

The U.S. Embassy in San Salvador requires services to maintain building elevators in safe, reliable and efficient operating condition. The contract type is a firm fixed price purchase order for routine maintenance services paid at the monthly rate below. These rates include all costs associated with providing elevator maintenance services in accordance with manufacturer's warranty including all parts, materials, supplies labor and insurance with the exception of repairs made due to acts of force majeure and (see FAR 52.228-4 and 52.228-5), overhead, profit and VAT (if applicable). The contract will be for a one-year period, with two one-year optional periods of performance.

2.0 PRICING

2.1 VALUE ADDED TAX

VAT VERSION B

VALUE ADDED TAX. Value Added Tax (VAT) is not applicable to this purchase order and shall not be included in the CLIN rates or Invoices because the U.S. Embassy has a tax exemption certificate from the host government.

2.2 Base Year - The Contractor shall provide the services shown below for the base period of the contract, starting on the date stated in the Notice to Proceed and continuing for a period of 36 months. The fixed unit prices, estimated quantities, and ceiling for each category are:

Line Item	Description	Monthly Price	x 12 Months	Annual Total
1	Routine monthly maintenance for all elevators described in Attachment 1		12	

2.3 Option Year 1 - The Contractor shall provide the services shown below for Option Year 1, starting one year after the date stated in the Notice to Proceed and continuing for a period of 12 months.

Line Item	Description	Monthly Price	x 12 Months	Annual Total
1	Routine monthly maintenance for all elevators described in Attachment 1		12	

2.4 Option Year 2 - The Contractor shall provide the services shown below for Option Year 2, starting two years after the date stated in the Notice to Proceed and continuing for a period of 12 months.

Line Item	Description	Monthly Price	x 12 Months	Annual Total
1	Routine monthly maintenance for all elevators described in Attachment 1		12	

Base Year Total	
Option Year 1 Total	
Option Year 2 Total	
GRAND TOTAL OF BASE YEAR PLUS ALL OPTION YEARS	

3.0 NOTICE TO PROCEED

After contract award and submission of acceptable insurance certificates and copies of all applicable licenses and permits, the Contracting Officer will issue a Notice to Proceed. The Notice to Proceed will establish a date (a minimum of ten (10) days from date of contract award unless the Contractor agrees to an earlier date) on which performance shall start.

1.0 SCOPE OF WORK

The U.S. Embassy in San Salvador requires the Contractor to maintain the elevators identified in Attachment 1 in safe, reliable and efficient operating condition. The Contractor shall provide all necessary managerial, administrative and direct labor personnel, and as well as all necessary transportation, equipment, tools, repair parts, supplies and materials required to perform inspection, maintenance, repair, and component replacement as required to maintain the elevators in accordance with the manufacturer's specifications. Under this contract the Contractor shall provide:

- the services of a trained elevator mechanic on a monthly basis to check and repair equipment operation and perform scheduled and preventive maintenance once a month;
 - 24 hours/day, 7 days/week emergency response service;
 - appropriate, same day, service in response to an elevator malfunction trouble call; and
 - after-hours emergency minor adjustment callback service

2.0 HOURS OF PERFORMANCE

The Contractor shall schedule all routine maintenance and repair work during normal building hours which are defined as 8:00 to 17:00 Monday to Friday, excluding holidays, unless approved in advance by the Contracting Officer's Representative (COR).

3.0 ACCESS TO GOVERNMENT BUILDINGS AND STANDARDS OF CONDUCT

3.1 General. The Contractor shall designate a representative who shall supervise the Contractor's elevator mechanics and be the Contractor's liaison with the U.S. Embassy/Consulate. The Contractor's employees shall be on-site only for contractual duties and not for any other business or purposes. Contractor employees shall have access to the elevators' hoist ways, lobbies and machine rooms with security escorts.

3.2 Personnel Security. The Government reserves the right to deny access to U.S owned and U.S.-operated facilities to any individual. The Contractor shall provide the names, biographic data and police clearance on all Contractor personnel who shall be used on this contract prior to their utilization. The Government shall issue identity cards to approved Contractor personnel, each of whom shall display his/her card(s) on the uniform at all times while on Government property or while on duty at private residences serviced under this contract. These identity cards are the property of the Government. The Contractor shall return all identity cards when the contract is completed, when a Contractor's employee leaves this contract, or at the request of the Government.

4.0 EXCLUSIONS

The Contractor shall not assume responsibility for the following items of elevator equipment, which are not included in this contract:

- Major Repairs: Any individual unit or incident of repair with a total estimated cost (labor and direct material costs) exceeding \$3,000.00 which is not covered under routine maintenance, is not covered by this contract. The Government reserves the right to determine how these repairs are to be handled. Such repairs will normally be accomplished by separate purchase order or contract. This exclusion does not apply if the repair is to correct damage caused by Contractor negligence.

5.0 QUALITY ASSURANCE AND SURVEILLANCE PLAN (QASP)

5.1 This plan provides an effective method to promote satisfactory contractor performance. The QASP provides a method for the Contracting Officer's Representative (COR) to monitor Contractor performance, advise the Contractor of unsatisfactory performance, and notify the Contracting Officer of continued unsatisfactory performance. The Contractor, not the Government, is responsible for management and quality control to meet the terms of the contract. The role of the Government is to monitor quality to ensure that contract standards are achieved.

Performance Objective	Scope of Work Para	Performance Threshold
<u>Services.</u> Performs all Elevators routine	1. thru 10.	All required services are

maintenance services set forth in the scope of work.		performed and no more than one (1) customer complaint is received per month per unit .
--	--	---

5.2 Surveillance. The COR will receive and document all complaints from Government personnel regarding the services provided. If appropriate, the COR will send the complaints to the Contractor for corrective action.

13.3 Standard. The performance standard is that the Government receives no more than one (1) customer complaint per month **per unit**. The COR shall notify the Contracting Officer of the complaints so that the Contracting Officer may take appropriate action to enforce the inspection clause (FAR 52.212-4, Contract Terms and Conditions-Commercial Items), if any of the services exceed the standard.

5.4. Procedures.

5.4.1 If any Government personnel observe unacceptable services, either incomplete work or required services not being performed they should immediately contact the COR.

5.4.2 The COR will complete appropriate documentation to record the complaint.

5.4.3 If the COR determines the complaint is invalid, the COR will advise the complainant. The COR will retain the annotated copy of the written complaint for his/her files.

5.4.4 If the COR determines the complaint is valid, the COR will inform the Contractor and give the Contractor additional time to correct the defect, if additional time is available. The COR shall determine how much time is reasonable.

5.4.5 The COR shall, as a minimum, orally notify the Contractor of any valid complaints.

5.4.6 If the Contractor disagrees with the complaint after investigation of the site and challenges the validity of the complaint, the Contractor will notify the COR. The COR will review the matter to determine the validity of the complaint.

5.4.7 The COR will consider complaints as resolved unless notified otherwise by the complainant.

5.4.8 Repeat customer complaints are not permitted for any services. If a repeat customer complaint is received for the same deficiency during the service period, the COR will contact the Contracting Officer for appropriate action under the Inspection clause.

CONTINUATION/ADDENDUM TO SF-1449
RFQ Number SES60015Q0019
SCHEDULE OF SUPPLIES/SERVICES, BLOCK 20
DESCRIPTION/SPECIFICATION/WORK STATEMENT

American Embassy San Salvador

Elevator Maintenance Contract

Scope of Work

The Contractor shall provide full service to meet routine maintenance requirements. The Contractor shall maintain elevators so that the elevators are in a safe and efficient operating condition at all times. In the event of a break down, the Contractor shall make every effort to immediately return the elevator to an operating condition.

The Contract is Full Service type, which means that all parts, materials, supplies and labor are included for inspections, safety test, load test, preventative, repairs and replacement of defective parts. The company that provides the service must be Certified as well as their service technicians that perform the field work.

The Maintenance Proposal should be addressed in a “per unit, per month” format.

The Attachment 1 is a list of six elevator equipment and two dumb waiters at the Embassy Compound that will be serviced under this contract. A site visit will be programmed for the bidders to see the unit conditions, location and other features needed to consider before proposal submitting.

The Attachment 2 is a copy of the last inspection report performed on 08/14-15/2014, by OBO Elevator Management Office.

General Guidelines

1- Provide a full service maintenance agreement written in English. Full service maintenance means that all parts, materials, supplies and labor are included with the exception of repairs made due to acts of force majeure and misuse.

2- Monthly, scheduled maintenance visits which follow the systematic approach defined in the approved maintenance check chart.

3- 24 hour call back service. Entrapments or accidents involving vertical transportation equipment is automatically an emergency call back, as is a condition where all units are out of service. These calls should have a 1 hour maximum response time. Other call backs should carry a maximum response time of 24 hours. This work is inclusive to the contract pricing and is not billable unless caused by acts of force majeure and/or misuse.

4- Labor rates for work that is billable. This includes work not covered by the terms (i.e. vandalism repairs) and overtime rates .This should include rates for a mechanic/technician and an apprentice/helper.

5- Clear and concise qualifications which prove an aptitude for the specific types of equipment. This should include any specific training the contractor has and other locations with similar equipment. Provide a list of technicians who will visit Post to service the equipment.

6- Included in the price, the contractor will obtain, in a timely fashion, any spare parts required to restore safe operations.

7- An equipment specific maintenance check list that will be filled out during each visit. This document should reflect the specific maintenance requirements for a piece of equipment and is required to be posted in the elevator machine space.

8- A schedule that defines the exact day, each month, and maintenance will occur, and the duration of time required. And also a list of tools being brought on site must be provided.
Note: There are rare occurrences when the facility is not able to accept the contractor on the proposed date. During these periods, the Contractor is required to arrange a new, agreed upon date to complete monthly maintenance.

9- Provisions for testing. The contractor should provide Post with “point of contact” information for a local Qualified Elevator Inspector (QEI) who will witness testing of the equipment. The third party inspector cannot work for the contractor and should be paid by Post directly, in case local inspector is not available Post will provide from OBO/IMAP Elevator Inspector Management. Testing requirements are: Annual “No-Load” Safety Tests and Five Year “Full Load” Safety Tests in accordance with local regulations unless otherwise stated. The contractor shall provide all necessary procedures, labor, testing equipment and test weights.

10- Inclusive to the price will be the following:

- a. Replacement of components.
- b. To supply and replace batteries for the emergency lighting.
- c. To maintain the in car emergency communication device in working order. *Note: Exclusive to this, Post will maintain an active phone line to the connection point.*
- d. To supply and replace any key switches which operate elevator components. *Note: Keys are the responsibility of Post.*

Attachment 1

The United States Embassy to San Salvador is requesting the services of a qualified elevator service company to provide full service maintenance for Six (6) Elevator units and Two (2) Dumbwaiters. This includes the following:

Equipment Inventory:

1- Chancery Building

Passenger Elevator 1

Name: PE1
Date of Install: 2/1991
Manufacturer: Dover
Capacity: 3000 Lbs.
Speed: 125 FPM
Number of landings: Front-4
Drive Type: Hydraulic
Motor: Submersible 40HP
Power Supply: 480V/3PH/60Hz
Type Starting: Y-MS (Y-Δ)
Control: WCR 48VDC
Power unit: By Dover Model-EP-150
Main Body: Dover I-2
Jack size: 5S
Date of Last
Inspection: 8/14/2014
Known Issues: None

Passenger Elevator 2

Name: PE2
Date of Install: 2/1991
Manufacturer: Dover
Capacity: 3000 Lbs.
Speed: 125 FPM
Number of landings: Front-4
Drive Type: Hydraulic
Motor: Submersible 40HP
Power Supply: 480V/3PH/60Hz
Type Starting: Y-MS (Y-Δ)
Control: WCR 48VDC
Power unit: By Dover Model-EP-150
Main Body: Dover I-2
Jack size: 5S
Date of Last
Inspection: 8/14/2014
Known Issues: None

Passenger Elevator 3

Name: PE3

Date of Install: 2/1991
Manufacturer: Dover
Capacity: 4000 Lbs.
Speed: 125 FPM
Number of landings: Front-4
Drive Type: Hydraulic
Motor: External Belt Driven 40HP
Power Supply: 480V/3PH/60Hz
Type Starting: Y-MS (Y-Δ)
Control: WCR 48VDC
Power unit: By Dover Model-AP-215
Main Body: Dover I-2
Jack size: 6S
Date of Last
Inspection: 8/14/2014
Known Issues: None

2- Annex Building

Passenger Elevator 1

Name: PE4
Date of Install: 2/1991
Manufacturer: Dover
Capacity: 3000 Lbs.
Speed: 125 FPM
Number of landings: Front-4
Drive Type: Hydraulic
Motor: Submersible 40HP
Power Supply: 480V/3PH/60Hz
Type Starting: Y-MS (Y-Δ)
Control: WCR 48VDC
Power unit: By Dover Model-EP-150
Main Body: Dover I-2
Jack size: 5S
Date of Last
Inspection: 8/15/2014
Known Issues: None

Passenger Elevator 2

Name: PE5

Date of Install: 2/1991
Manufacturer: Dover
Capacity: 4000 Lbs.
Speed: 125 FPM
Number of landings: Front-4
Drive Type: Hydraulic
Motor: Submersible 40HP
Power Supply: 480V/3PH/60Hz
Type Starting: Y-MS (Y-Δ)
Control: WCR 48VDC
Power unit: By Dover Model-AP-215
Main Body: Dover I-2
Jack size: 6S
Date of Last
Inspection: 8/15/2014
Known Issues: None

3- Chief of Mission Residence

Passenger Elevator 1

Name: PE6
Date of Install: 8/1991
Manufacturer: D.A. Matot
Capacity: 700 Lbs.
Speed: 36 FPM
Number of landings: Front 1; Rear 2
Drive Type: Overhead Traction
Motor: 1 HP
Power Supply: 208V/1PH/60Hz
Type Starting: Reversing contactor with mechanical interlock
Control: Relay 110V
Power Unit: By D.A. Matot Traction
Date of Last
Inspection: 8/15/2014
Known Issues: None

Dumbwaiter 1 and 2

Name: 7, 8
Date of Install: 8/1991
Manufacturer: D.A. Matot
Capacity: 300 Lbs.
Speed: 50 FPM
Number of landings: Front 3
Drive Type: Traction
Motor: 1 HP

Power Supply:	480V/3PH/60Hz
Type Starting:	Reversing contactor with mechanical interlock
Control:	Relay 110V
Power Unit:	By D.A. Matot Traction
Date of Last	
Inspection:	8/15/2014
Known Issues:	None

Attachment 2

The United States Embassy to San Salvador Inspection Report for Six (6) Elevator units and Two (2) Dumbwaiters.

Date: 8/14/14 Post: San Salvador, El Salvador

Property Name: Chancery Property ID # X3001 Equipment # 1

Standards ASME X EN 81 Other: Year Installed 1991
1990 A17.1

Inspector: George Egey Certification: 1433
Name Organization and Number

Wiring Diagrams Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Test Procedures Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										
OK Meets requirements		IA Inadequate (provide comments)				NA = Not Applicable				
A. INSIDE OF CAR										
		OK	IA	NA			OK	IA	NA	
A1	Door reopening device	X			A12	Car enclosure	X			
A2	In-car Stop Switch	X			A13	Emergency car top exit (obstructions)	X			
A3	Leveling accuracy	X			A14	Car ventilation (natural) or (mechanical)	X			
A4	Car sills and floor	X			A15	Car operating symbols	X			
A5	Car lighting (normal and back-up)	X			A16	Car capacity data plate		X		
A6	Car (Alarm) emergency signal	X			A17	Verify standby power selection switch				X
A7	Car door condition and switch	X			A18	Restricted Opening of doors				X
A8	Car door closing force	X			A19	Ride quality	X			
A9	Buttons for power door operation	X			A20	Means to detect door position	X			
A10	Power opening doors or gates	X			A21	Earthquake top exit key				X
A11	Glass doors or vision panel			X	A22	Car Overload Device				X
					A23	Manually Open Car Doors (Power Off)	X			
B. MACHINE ROOM or in the location of the drive machine										
		OK	IA	NA			OK	IA	NA	
B1	Access to pulley or machine room	X			B8	Pipes, Wiring and Ducts	X			
B2	Headroom (157) inches	X			B9	Equipment Guards	X			

B3	Lighting and Receptacles	X			B10	Numbering of equipment		X	
B4	Housekeeping	X			B11	Disconnects size and mounting	X		
B5	Ventilation (forced or mechanical)	X			B12	Controller components condition	X		
B6	Class ABC fire extinguisher	X			B13	Governor and overspeed switch, sealed			X
B7	EN81-1 Emergency brake release tools/instruction.			X	B14	Code data tag (edition of Code)			X
C. ELECTRIC TRACTION NA X									
		OK	IA	NA			OK	IA	NA
C1	Static Control or MG generators				C6	Traction Sheaves			
C2	Overhead beam and fastenings				C7	Secondary and deflector sheaves			
C3	Drive machine brake				C8	Rope Fasteners			
C4	Traction Drive machine condition				C9	Terminal stopping means in (MR)			
C5	Geared machine condition				C10	Car and Counterweight Safeties			
D. HYDRAULIC ELEVATOR NA□									
		OK	IA	NA			OK	IA	NA
D1	Hydraulic Power Unit	X			D6	Supply Line Shutoff Valve	X		
D2	Relief Valves	X			D7	Hydraulic Cylinders	X		
D3	Control Valve	X			D8	Fluid Loss Chart	X		
D4	Tanks (Reservoir)	X			D9	Pressure Switch	X		
D5	Flexible hose and Fittings			X	D10	Slack Cable Switches			X
E. TOP OF CAR									
		OK	IA	NA			OK	IA	NA
E1	Stop Switch	X			E13	Setbacks, Recesses, Projections			X
E2	Work Light and Outlet	X			E14	Hoistway Clearances	X		
E3	Control Station	X			E15	Multiple Hoistways	X		
E4	Refuge Space, Railings and Clearances	X			E16	Traveling Cables / hitch points	X		
E5	Normal Terminal stopping	X			E17	Landing Door Equipment	X		
E6	Final and Emergency Terminal ETS	X			E18	Car Frame Construction	X		
E7	Leveling, Door Zone Selector	X			E19	Guide Rail Fastening	X		
E8	Top Emergency Exit	X			E20	Governor Rope Condition			X
E9	Floor identification Numbers	X			E21	Governor Release Carrier			X
E10	Hoistway Construction	X			E22	Suspension Means Fastening			X
E11	Hoistway Ventilation	X			E23	Suspension Means (tension, condition)			X
E12	Pipes, Wiring, Raceways	X			E24	Top of car, pit, in-car, and	X		

	and Ducts					machine room communication			
F. ELECTRIC ELEVATOR NA X									
		OK	IA	NA			OK	IA	NA
F1	Top Counterweight Clearance				F4	Crosshead Data Plate			
F2	Car Overhead and Deflector Sheaves				F5	Counterweight and Cwt Traveling Buffer			
F3	Broken Rope, Chain or Tape Switch				F6	Counterweight Safeties			
G. HYDRAULIC ELEVATOR NA □									
		OK	IA	NA			OK	IA	NA
G1	Speed test	X			G4	Counterweight			X
G2	Slack Rope Device			X	G5	Compensating Ropes and Chains			X
G3	Traveling Sheave			X					
H. OUTSIDE HOISTWAY									
		OK	IA	NA			OK	IA	NA
H1	Car Platform Guard Length to break (14.5) inches		X		H8	Vertical bi-parting Close Sequence			X
H2	Hoistway doors (1.5) hr. rating	X			H9	Glass Hoistway Enclosures			X
H3	Hoistway door vision panel			X	H10	Parking Devices			X
H4	Hoistway Unlocking Devices	X			H11	Emergency Doors (in Hoistway)			X
H5	Hoistway Access	X			H12	Separate Counterweigh Hoistway			X
H6	EN81-1 Docking Operation			X	H13	Standby Power Selection Key and Switch			X
H7	Power Closing Hoistway Doors			X	H14	Door Unlocking Zone	X		
I. PIT									
		OK	IA	NA			OK	IA	NA
I-1	Pit Access	X			I-7	Normal terminal Stopping Device	X		
I-2	Pit Lighting		X		I-8	Traveling cables	X		
I-3	Pit Stop Switch and Lights	X			I-9	Governor Rope Tension Device			X
I-4	Bottom Clearance and Runby	X			I-10	Car Frame and Bottom of Platform	X		
I-5	Final and Emergency Terminal Stopping Device	X			I-11	Car Safeties and bottom safety means			X
I-6	Sump Pump			X	I-12	Buffer –Emergency terminal speed limiting device	X		
					I-13	Pit Depth (58) inches	X		
J. ELECTRIC ELEVATORS NA X									
		OK	IA	NA			OK	IA	NA
J1	Compensating Chains,								

	Ropes and Sheaves								
K. HYDRAULIC ELEVATORS									
		OK	IA	NA			OK	IA	NA
K1	Plunger and Cylinder	X			K4	Supply Piping	X		
K2	Car Buffer	X			K5	Guiding Members	X		
K3	Rupture Valves			X	K6	Scavenger Pumps	X		
L. SPECIAL FEATURES									
		OK	IA	NA			OK	IA	NA
L1	ASME A17.1 RECALL	X			L9	EN 81 -72 FIRE SERVICE ELEVATOR			X
L2	ASME A 17.1 PHASE II	X			L10	EN 81-73 FIRE RECALL			X
L3	EMERGENCY POWER	X			L11	THREE-POINT COMMUNICATION			X
L4	SEISMIC OPERATION Zone: <input type="checkbox"/> 0 <input type="checkbox"/> 2 <input type="checkbox"/> 4			X	L12	HANDSFREE EMERGENCY COMMUNUCATION		X	
L5	INDEPENDENT OPERATION	X			L13	PIT INSPECTION STATION			X
L6	MARINE SECURITY (Capture)	X			L14	PIT WATER MONITOR			X
L7	MARINE SECURITY (Shutdown)			X	L15	ACCESSIBILITY COMPLIANCE	X		
L8	CARD READER			X	L16	NFPA-70 COMPLIANCE	X		
TEST RESULTS									
<input type="checkbox"/> OK <input checked="" type="checkbox"/> IA <input type="checkbox"/> Conditional (Explain)									

Periodical Tests shall be less stringent than those required for acceptance/commissioning. The tests shall not cause excessive wear or impose stresses likely to reduce safety. The periodical test shall determine that all elevator components *which do not operate in normal service* are operating correctly.

Test Frequency	Annual		2-years		Full load	X	Commission		
Type of Elevator	<input type="checkbox"/> Electric traction <input checked="" type="checkbox"/> Hydraulic <input type="checkbox"/> Roped Hydraulic <input type="checkbox"/> Dumbwaiter								
Rated Capacity	3000 <input type="checkbox"/> kg <input checked="" type="checkbox"/> lbs.		Rated Speed	125 <input type="checkbox"/> m/s <input checked="" type="checkbox"/> fpm					
Test			Car			Counterweight <input type="checkbox"/> NA			
1. Governor:			Settings			Settings			
<input type="checkbox"/> Centrifugal (with jaw)			Overspeed Switch _____ m/s			Overspeed Switch _____ m/s			
<input type="checkbox"/> Centrifugal (jawless)			Tripping speed _____ m/s			Tripping speed _____ m/s			
<input type="checkbox"/> Fly-ball			<input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA			<input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA			
2. Safety Gear			Results			Results			
<input type="checkbox"/> Type A (instantaneous)			<u>Full Load Test and Commission</u>			<u>Full Load Test and Commission</u>			
<input type="checkbox"/> Type B (progressive)			Speed Gov tripped _____ m/s			Speed Gov tripped _____ m/s			
<input type="checkbox"/> Type C (buffered instantaneous)			Length of Slide _____ mm			Length of Slide _____ mm			

	Safety Shoe Length _____mm <u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened	Safety Shoe Length _____mm <u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened
3. Buffer <input type="checkbox"/> Solid Type <input checked="" type="checkbox"/> Spring Type <input type="checkbox"/> Oil Plunger Type	Data Buffer Stroke ____6.3____ mm Run By ____150____ mm Oil Plunger compressed; time to return _____ Seconds	Data Buffer Stroke _____ mm Run By _____ mm Oil Plunger compressed; time to return _____ Seconds
4. Ascending Overspeed Detection Means	Tested per manual instructions <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Record speed set to activate _____ m/s	
5. Emergency Brake	Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Commissioning (125%) rated load <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
6. Unintended Movement Means	Distance car traveled: Up ____mm Down ____ mm	
7. Final Limit Device	Top final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Bottom final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
8. Up and Down Emergency Terminal Stopping Means	Top ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: _____ Bottom ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: _____	
9. Leveling and Re-leveling	Verify car and landing sills do not exceed plus or minus ½ inch above or below the landing. <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Verify that the car will not re-level when the car is more than 3 inches above or below the landing sill, with the doors open. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
10. Machine Brake	Commissioning: Lower Stop and Hold 125% <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load: Lower Stop and Hold rated <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Periodical: No weight necessary <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
11. Traction Limits	Commissioning: Observe either loss of traction or motor stall. <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load Test <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA	
12. Door Speed and Forces	Measure door closing torque: not to exceed 30 ft/lbs in the middle of the closing cycle. Value _17_ ft/lb <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
13. Door Locks and Gate Switches	Door switch shall not allow car to run when door gap exceeds 2 inches. Measured Value _1/2_ in. <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	

14. Firefighters' Emergency Operation	ASME A17.1 Test Phase I recall and Phase II in-car operation <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA EN 81 – 72 Firefighter Lift <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA EN 81 – 73 Recall <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
15. Seismic (earthquake) operation	Test Seismic Devices Ring and String <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA NA Building Seismic Detector <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA NA			
16. Marine Security Operation (@Marine Post 1)	Test Capture Feature Cars returned non-stop designated landing and parked with doors closed and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Test Night Shut Down Cars returned to the designated landing and parked with the doors open and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
17. Emergency Communication Device Intercom <input type="checkbox"/> Phone <input checked="" type="checkbox"/>	Hands free operation <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Received calls from an outside location <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA NA Visual signals illuminated <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Successful automatic roll over <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA NA			
18. Emergency or Standby Power	Number of elevators that operate at the same time? <u> 3 </u> Manual selection switch provided? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Will the elevators return to designated landing and park with their doors open? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA NA Does the ATS have a pre-transfer? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA NA			
19. MRL Rescue Operation	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
HYDRAULIC ELEVATOR TEST				
20. Relief Valve Setting	Working Pressure	300psi	Relief Pressure	300psi
21. Hydraulic System Test	Pressure used to conduct Test	300psi	Passed Test <input type="checkbox"/> OK <input checked="" type="checkbox"/> IA	
22. Static System Test (minimum 15 minutes)	Starting Point	0"	Distance car moved	1/4in.
23. Normal Terminal Stopping Device	Did the car stop at or near the terminal landing <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA			
24. Battery Lowering Operation	Did the car run down and open the doors? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			

Date: 8/14/14 Post: San Salvador, El Salvador

Property Name: Chancery Property ID # X3001 Equipment # 2

Standards 1990 A17.1 EN 81 Other: _____ Year Installed 1991
ASME X _____

Inspector: George Egey Certification: 1433
 Name Organization and Number

Wiring Diagrams Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Test Procedures Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										
OK Meets requirements			IA Inadequate (provide comments)				NA = Not Applicable			
B. INSIDE OF CAR										
		OK	IA	NA			OK	IA	NA	
A1	Door reopening device	X			A12	Car enclosure	X			
A2	In-car Stop Switch	X			A13	Emergency car top exit (obstructions)	X			
A3	Leveling accuracy	X			A14	Car ventilation (natural) or (mechanical)	X			
A4	Car sills and floor	X			A15	Car operating symbols	X			
A5	Car lighting (normal and back-up)	X			A16	Car capacity data plate		X		
A6	Car (Alarm) emergency signal	X			A17	Verify standby power selection switch			X	
A7	Car door condition and switch	X			A18	Restricted Opening of doors			X	
A8	Car door closing force	X			A19	Ride quality	X			
A9	Buttons for power door operation	X			A20	Means to detect door position	X			
A10	Power opening doors or gates	X			A21	Earthquake top exit key			X	
A11	Glass doors or vision panel			X	A22	Car Overload Device			X	
					A23	Manually Open Car Doors (Power Off)	X			
B. MACHINE ROOM or in the location of the drive machine										
		OK	IA	NA			OK	IA	NA	
B1	Access to pulley or machine room	X			B8	Pipes, Wiring and Ducts	X			
B2	Headroom (157)inches	X			B9	Equipment Guards	X			
B3	Lighting and Receptacles	X			B10	Numbering of equipment	X			
B4	Housekeeping	X			B11	Disconnects size and mounting	X			

B5	Ventilation (forced or mechanical)	X			B12	Controller components condition	X		
B6	Class ABC fire extinguisher	X			B13	Governor and overspeed switch, sealed			X
B7	EN81-1 Emergency brake release tools/instruction.			X	B14	Code data tag (edition of Code)			X
C. ELECTRIC TRACTION NA X									
		OK	IA	NA			OK	IA	NA
C1	Static Control or MG generators				C6	Traction Sheaves			
C2	Overhead beam and fastenings				C7	Secondary and deflector sheaves			
C3	Drive machine brake				C8	Rope Fasteners			
C4	Traction Drive machine condition				C9	Terminal stopping means in (MR)			
C5	Geared machine condition				C10	Car and Counterweight Safeties			
D. HYDRAULIC ELEVATOR NA □									
		OK	IA	NA			OK	IA	NA
D1	Hydraulic Power Unit	X			D6	Supply Line Shutoff Valve	X		
D2	Relief Valves	X			D7	Hydraulic Cylinders	X		
D3	Control Valve	X			D8	Fluid Loss Chart	X		
D4	Tanks (Reservoir)	X			D9	Pressure Switch	X		
D5	Flexible hose and Fittings			X	D10	Slack Cable Switches			X
E. TOP OF CAR									
		OK	IA	NA			OK	IA	NA
E1	Stop Switch	X			E13	Setbacks, Recesses, Projections			X
E2	Work Light and Outlet	X			E14	Hoist way Clearances	X		
E3	Control Station	X			E15	Multiple Hoist ways	X		
E4	Refuge Space, Railings and Clearances	X			E16	Traveling Cables / hitch points	X		
E5	Normal Terminal stopping	X			E17	Landing Door Equipment	X		
E6	Final and Emergency Terminal ETS	X			E18	Car Frame Construction	X		
E7	Leveling, Door Zone Selector	X			E19	Guide Rail Fastening	X		
E8	Top Emergency Exit	X			E20	Governor Rope Condition			X
E9	Floor identification Numbers	X			E21	Governor Release Carrier			X
E10	Hoistway Construction	X			E22	Suspension Means Fastening			X
E11	Hoistway Ventilation	X			E23	Suspension Means (tension, condition)			X
E12	Pipes, Wiring, Raceways and Ducts	X			E24	Top of car, pit, in-car, and machine room communication	X		
F. ELECTRIC ELEVATOR NA X									

K. HYDRAULIC ELEVATORS									
		OK	IA	NA			OK	IA	NA
K1	Plunger and Cylinder	X			K4	Supply Piping	X		
K2	Car Buffer	X			K5	Guiding Members	X		
K3	Rupture Valves			X	K6	Scavenger Pumps	X		
L. SPECIAL FEATURES									
		OK	IA	NA			OK	IA	NA
L1	ASME A17.1 RECALL	X			L9	EN 81 -72 FIRE SERVICE ELEVATOR			X
L2	ASME A 17.1 PHASE II	X			L10	EN 81-73 FIRE RECALL			X
L3	EMERGENCY POWER	X			L11	THREE-POINT COMMUNICATION			X
L4	SEISMIC OPERATION Zone: <input type="checkbox"/> 0 <input type="checkbox"/> 2 <input type="checkbox"/> 4			X	L12	HANDSFREE EMERGENCY COMMUNUCATION	X		
L5	INDEPENDENT OPERATION	X			L13	PIT INSPECTION STATION			X
L6	MARINE SECURITY (Capture)	X			L14	PIT WATER MONITOR			X
L7	MARINE SECURITY (Shutdown)			X	L15	ACCESSIBILITY COMPLIANCE	X		
L8	CARD READER			X	L16	NFPA-70 COMPLIANCE	X		
TEST RESULTS									
XOK <input type="checkbox"/> IA <input type="checkbox"/> Conditional (Explain)									

Periodical Tests shall be less stringent than those required for acceptance/commissioning. The tests shall not cause excessive wear or impose stresses likely to reduce safety. The periodical test shall determine that all elevator components which do not operate in normal service are operating correctly.

Test Frequency	Annual		2-years		Full load	X	Commission		
Type of Elevator	<input type="checkbox"/> Electric traction <input checked="" type="checkbox"/> Hydraulic <input type="checkbox"/> Roped Hydraulic <input type="checkbox"/> Dumbwaiter								
Rated Capacity	3000 <input type="checkbox"/> kg <input checked="" type="checkbox"/> lbs.		Rated Speed		125 <input type="checkbox"/> m/s <input checked="" type="checkbox"/> fpm				
Test		Car			Counterweight <input type="checkbox"/> NA				
1. Governor:		Settings			Settings				
<input type="checkbox"/> Centrifugal (with jaw)		Over speed Switch _____ m/s			Over speed Switch _____ m/s				
<input type="checkbox"/> Centrifugal (jawless)		Tripping speed _____ m/s			Tripping speed _____ m/s				
<input type="checkbox"/> Fly-ball		<input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA			<input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA				
2. Safety Gear		Results			Results				
<input type="checkbox"/> Type A (instantaneous)		<u>Full Load Test and Commission</u>			<u>Full Load Test and Commission</u>				
<input type="checkbox"/> Type B (progressive)		Speed Gov tripped _____ m/s			Speed Gov tripped _____ m/s				
<input type="checkbox"/> Type C (buffered instantaneous)		Length of Slide _____ mm			Length of Slide _____ mm				
		Safety Shoe Length _____ mm			Safety Shoe Length _____ mm				

	<u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened	<u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened
3. Buffer <input type="checkbox"/> Solid Type <input checked="" type="checkbox"/> Spring Type <input type="checkbox"/> Oil Plunger Type	<p style="text-align: center;">Data</p> Buffer Stroke <u> 6.3 </u> mm Run By <u> 150 </u> mm Oil Plunger compressed; time to return <u> </u> Seconds	<p style="text-align: center;">Data</p> Buffer Stroke <u> </u> mm Run By <u> </u> mm Oil Plunger compressed; time to return <u> </u> Seconds
4. Ascending Over speed Detection Means	Tested per manual instructions <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Record speed set to activate <u> </u> m/s	
5. Emergency Brake	Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Commissioning (125%) rated load <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
6. Unintended Movement Means	Distance car traveled: Up <u> </u> mm Down <u> </u> mm	
7. Final Limit Device	Top final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Bottom final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
8. Up and Down Emergency Terminal Stopping Means	Top ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: <u> </u> Bottom ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: <u> </u>	
9. Leveling and Re-leveling	Verify car and landing sills do not exceed plus or minus ½ inch above or below the landing. <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Verify that the car will not re-level when the car is more than 3 inches above or below the landing sill, with the doors open. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
10. Machine Brake	Commissioning: Lower Stop and Hold 125% <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load: Lower Stop and Hold rated <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Periodical: No weight necessary <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
11. Traction Limits	Commissioning: Observe either loss of traction or motor stall. <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load Test <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
12. Door Speed and Forces	Measure door closing torque: not to exceed 30 ft/lbs in the middle of the closing cycle. Value <u> 19 </u>ft/lb <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
13. Door Locks and Gate Switches	Door switch shall not allow car to run when door gap exceeds 2 inches. Measured Value <u> 3/4 </u>in. <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
14. Firefighters' Emergency Operation	ASME A17.1 Test Phase I recall and Phase II in-car operation <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	

	EN 81 – 72 Firefighter Lift	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA
	EN 81 – 73 Recall	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA
15. Seismic (earthquake) operation NA	Test Seismic Devices Ring and String NA	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X
	Building Seismic Detector NA	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X
16. Marine Security Operation (@Marine Post 1)	Test Capture Feature Cars returned non-stop designated landing and parked with doors closed and lamp illuminated.	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA
	Test Night Shut Down Cars returned to the designated landing and parked with the doors open and lamp illuminated.	<input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X <input checked="" type="checkbox"/> NA
17. Emergency Communication Device Intercom <input type="checkbox"/> Phone <input checked="" type="checkbox"/>	Hands free operation Received calls from an outside location NA	<input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X
	Visual signals illuminated Successful automatic roll over NA	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X
18. Emergency or Standby Power	Number of elevators that operate at the same time? <u> 3 </u> Manual selection switch provided? Will the elevators return to designated landing and park with their doors open? NA	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X
	Does the ATS have a pre-transfer? NA	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X
19. MRL Rescue Operation		<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA
HYDRAULIC ELEVATOR TEST		
20. Relief Valve Setting	Working Pressure	340psi
		Relief Pressure
		420psi
21. Hydraulic System Test	Pressure used to conduct Test	340psi
		Passed Test <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA
22. Static System Test (minimum 15 minutes)	Starting Point	0"
	Distance car moved	3/8" in.
23. Normal Terminal Stopping Device	Did the car stop at or near the terminal landing <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA	
24. Battery Lowering Operation	Did the car run down and open the doors? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X	
25. Low Oil Pressure Protection Operation NA	Time to activate	seconds

Comments

UNIT IS LOOSING OIL BY THE SILENCER, NEED TO TIGHTEN BOLTS. Work performed on the silencer unit in order to stop leak.

Date: 8/14/14 Post: San Salvador, El Salvador

Property Name: Chancery Property ID # X3001 Equipment # 3

Standards 1990 A17.1 EN 81 Other: _____ Year Installed 1991
ASME X

Inspector: George Egey Certification: 1433
 Name Organization and Number

Wiring Diagrams Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
Test Procedures Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
OK Meets requirements			IA Inadequate (provide comments)				NA = Not Applicable		
C. INSIDE OF CAR									
		OK	IA	NA			OK	IA	NA
A1	Door reopening device	X			A12	Car enclosure	X		
A2	In-car Stop Switch	X			A13	Emergency car top exit (obstructions)	X		
A3	Leveling accuracy	X			A14	Car ventilation (natural) or (mechanical)	X		
A4	Car sills and floor	X			A15	Car operating symbols	X		
A5	Car lighting (normal and back-up)		X		A16	Car capacity data plate		X	
A6	Car (Alarm) emergency signal	X			A17	Verify standby power selection switch			X
A7	Car door condition and switch	X			A18	Restricted Opening of doors			X
A8	Car door closing force	X			A19	Ride quality	X		
A9	Buttons for power door operation	X			A20	Means to detect door position	X		
A10	Power opening doors or gates	X			A21	Earthquake top exit key			X
A11	Glass doors or vision panel			X	A22	Car Overload Device			X
					A23	Manually Open Car Doors (Power Off)	X		
B. MACHINE ROOM or in the location of the drive machine									
		OK	IA	NA			OK	IA	NA
B1	Access to pulley or machine room	X			B8	Pipes, Wiring and Ducts	X		
B2	Headroom (157) inches	X			B9	Equipment Guards	X		
B3	Lighting and Receptacles	X			B10	Numbering of equipment	X		
B4	Housekeeping	X			B11	Disconnects size and mounting	X		

B5	Ventilation (forced or mechanical)	X			B12	Controller components condition	X		
B6	Class ABC fire extinguisher	X			B13	Governor and over speed switch, sealed			X
B7	EN81-1 Emergency brake release tools/instruction.			X	B14	Code data tag (edition of Code)			X
C. ELECTRIC TRACTION NA X									
		OK	IA	NA			OK	IA	NA
C1	Static Control or MG generators				C6	Traction Sheaves			
C2	Overhead beam and fastenings				C7	Secondary and deflector sheaves			
C3	Drive machine brake				C8	Rope Fasteners			
C4	Traction Drive machine condition				C9	Terminal stopping means in (MR)			
C5	Geared machine condition				C10	Car and Counterweight Safeties			
D. HYDRAULIC ELEVATOR NA□									
		OK	IA	NA			OK	IA	NA
D1	Hydraulic Power Unit	X			D6	Supply Line Shutoff Valve	X		
D2	Relief Valves	X			D7	Hydraulic Cylinders	X		
D3	Control Valve	X			D8	Fluid Loss Chart	X		
D4	Tanks (Reservoir)	X			D9	Pressure Switch	X		
D5	Flexible hose and Fittings			X	D10	Slack Cable Switches			X
E. TOP OF CAR									
		OK	IA	NA			OK	IA	NA
E1	Stop Switch	X			E13	Setbacks, Recesses, Projections			X
E2	Work Light and Outlet	X			E14	Hoist way Clearances	X		
E3	Control Station	X			E15	Multiple Hoist ways	X		
E4	Refuge Space, Railings and Clearances	X			E16	Traveling Cables / hitch points	X		
E5	Normal Terminal stopping	X			E17	Landing Door Equipment	X		
E6	Final and Emergency Terminal ETS	X			E18	Car Frame Construction	X		
E7	Leveling, Door Zone Selector	X			E19	Guide Rail Fastening	X		
E8	Top Emergency Exit	X			E20	Governor Rope Condition			X
E9	Floor identification Numbers	X			E21	Governor Release Carrier			X
E10	Hoist way Construction	X			E22	Suspension Means Fastening			X
E11	Hoist way Ventilation	X			E23	Suspension Means (tension, condition)			X
E12	Pipes, Wiring, Raceways and Ducts	X			E24	Top of car, pit, in-car, and machine room communication	X		
F. ELECTRIC ELEVATOR NA X									

K. HYDRAULIC ELEVATORS									
		OK	IA	NA			OK	IA	NA
K1	Plunger and Cylinder	X			K4	Supply Piping	X		
K2	Car Buffer	X			K5	Guiding Members	X		
K3	Rupture Valves			X	K6	Scavenger Pumps			X
L. SPECIAL FEATURES									
		OK	IA	NA			OK	IA	NA
L1	ASME A17.1 RECALL	X			L9	EN 81 -72 FIRE SERVICE ELEVATOR			X
L2	ASME A 17.1 PHASE II	X			L10	EN 81-73 FIRE RECALL			X
L3	EMERGENCY POWER	X			L11	THREE-POINT COMMUNICATION			X
L4	SEISMIC OPERATION Zone: <input type="checkbox"/> 0 <input type="checkbox"/> 2 <input type="checkbox"/> 4			X	L12	HANDSFREE EMERGENCY COMMUNUCATION	X		
L5	INDEPENDENT OPERATION	X			L13	PIT INSPECTION STATION			X
L6	MARINE SECURITY (Capture)			X	L14	PIT WATER MONITOR			X
L7	MARINE SECURITY (Shutdown)			X	L15	ACCESSIBILITY COMPLIANCE	X		
L8	CARD READER			X	L16	NFPA-70 COMPLIANCE	X		
TEST RESULTS									
<input type="checkbox"/> OK <input checked="" type="checkbox"/> IA <input checked="" type="checkbox"/> Conditional (Explain) After setting of relief valve and removing of the rest on the punch list									

Periodical Tests shall be less stringent than those required for acceptance/commissioning. The tests shall not cause excessive wear or impose stresses likely to reduce safety. The periodical test shall determine that all elevator components which do not operate in normal service are operating correctly.

Test Frequency	Annual	<input type="checkbox"/>	2-years	<input type="checkbox"/>	Full load	<input checked="" type="checkbox"/>	Commission	<input type="checkbox"/>
Type of Elevator	<input type="checkbox"/> Electric traction <input checked="" type="checkbox"/> Hydraulic <input type="checkbox"/> Roped Hydraulic <input type="checkbox"/> Dumbwaiter							
Rated Capacity	4000 <input type="checkbox"/> kg		<input checked="" type="checkbox"/> lbs.		Rated Speed	125 <input type="checkbox"/> m/s <input checked="" type="checkbox"/> fpm		
Test			Car			Counterweight <input type="checkbox"/> NA		
1. Governor:			Settings			Settings		
<input type="checkbox"/> Centrifugal (with jaw) <input type="checkbox"/> Centrifugal (jawless) <input type="checkbox"/> Fly-ball			Over speed Switch _____ m/s Tripping speed _____ m/s <input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA			Over speed Switch _____ m/s Tripping speed _____ m/s <input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA		
2. Safety Gear			Results			Results		
<input type="checkbox"/> Type A (instantaneous) <input type="checkbox"/> Type B (progressive) <input type="checkbox"/> Type C (buffered instantaneous)			<u>Full Load Test and Commission</u> Speed Gov tripped _____ m/s Length of Slide _____ mm Safety Shoe Length			<u>Full Load Test and Commission</u> Speed Gov tripped _____ m/s Length of Slide _____ mm Safety Shoe Length		

	_____mm <u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened	_____mm <u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened
3. Buffer <input type="checkbox"/> Solid Type <input checked="" type="checkbox"/> Spring Type <input type="checkbox"/> Oil Plunger Type	Data Buffer Stroke ___63___ mm Run By ___150___ mm Oil Plunger compressed; time to return _____ Seconds	Data Buffer Stroke _____ mm Run By _____ mm Oil Plunger compressed; time to return _____ Seconds
4. Ascending Over speed Detection Means	Tested per manual instructions <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Record speed set to activate _____ m/s	
5. Emergency Brake	Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Commissioning (125%) rated load <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
6. Unintended Movement Means	Distance car traveled: Up ___mm Down ___ mm	
7. Final Limit Device	Top final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Bottom final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
8. Up and Down Emergency Terminal Stopping Means	Top ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: _____ Bottom ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: _____	
9. Leveling and Re-leveling	Verify car and landing sills do not exceed plus or minus ½ inch above or below the landing. <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Verify that the car will not re-level when the car is more than 3 inches above or below the landing sill, with the doors open. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
10. Machine Brake	Commissioning: Lower Stop and Hold 125% <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load: Lower Stop and Hold rated <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Periodical: No weight necessary <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
11. Traction Limits	Commissioning: Observe either loss of traction or motor stall. <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load Test <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA	
12. Door Speed and Forces	Measure door closing torque: not to exceed 30 ft/lbs in the middle of the closing cycle. Value _20_ ft/lb <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
13. Door Locks and Gate Switches	Door switch shall not allow car to run when door gap exceeds 2 inches. Measured Value _1/2_ in. <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA	

	<input type="checkbox"/> NA			
14. Firefighters' Emergency Operation	ASME A17.1 Test Phase I recall and Phase II in-car operation <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA EN 81 – 72 Firefighter Lift <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA EN 81 – 73 Recall <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
15. Seismic (earthquake) operation	Test Seismic Devices Ring and String <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X NA Building Seismic Detector <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X NA			
16. Marine Security Operation (@Marine Post 1)	Test Capture Feature Cars returned non-stop designated landing and parked with doors closed and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X NA Test Night Shut Down Cars returned to the designated landing and parked with the doors open and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
17. Emergency Communication Device Intercom <input type="checkbox"/> Phone <input checked="" type="checkbox"/>	Hands free operation <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Received calls from an outside location <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X Visual signals illuminated <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X Successful automatic roll over <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X			
18. Emergency or Standby Power	Number of elevators that operate at the same time? <u> 3 </u> Manual selection switch provided? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X Will the elevators return to designated landing and park with their doors open? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X Does the ATS have a pre-transfer? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X			
19. MRL Rescue Operation	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> X NA			
HYDRAULIC ELEVATOR TEST				
20. Relief Valve Setting	Working Pressure	280psi	Relief Pressure	500 WAS ADJUSTED TO 400psi
21. Hydraulic System Test	Pressure used to conduct Test	280psi	Passed Test <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA	

22. Static System Test (minimum 15 minutes)	Starting Point	O”	Distance car moved	1/2”in.
23. Normal Terminal Stopping Device	Did the car stop at or near the terminal landing X OK <input type="checkbox"/> IA			
24. Battery Lowering Operation	Did the car run down and open the doors? <input type="checkbox"/> OK <input type="checkbox"/> IA X NA			
25. Low Oil Pressure Protection Operation NA	Time to activate	seconds		
26. Flexible Hose and Fittings Pressure Test NA	Test to be conducted for a minimum of 30 seconds at relief valve setting pressure. Are there any signs of oil leakage during test? <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Does the hose have any signs of defects visible? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
27. Pressure Switch	Is the cylinder head installed higher than the reservoir?	<input type="checkbox"/> OK <input type="checkbox"/> IA X NA		
	Pass or Fail Test	<input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
28. Plunger Gripper NA	Is there a plunger gripper installed? <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Unit tested? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
29. Over speed / Rupture Valve	Is there an overspeed /rupture valve? <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Unit tested? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
SUMMARY: WHERE THE TEST RESULTS SATISFACTORY? YES <input type="checkbox"/> NO X				
• IF ANSWER IS NO, EXPLAIN IN COMMENT SECTION.				

PUNCH LIST/COMMENTS		
Section	Code/Spec.	Deficiency/Comment
A-5	1990; A17.1 204.7a	EMERGENCY LIGHT PROVIDE NEW BATTERY
A-16	1990; A17.1 301.10	PROVIDE CAPACITY PLATE
B-10	1990; A17.1 211.9	PROVIDE PROPER ELEVATOR NUMBERS
B-10	1990; A17.1 211.9	PROVIDE CORESPONDING NUMBERING FOR ELEVATOR AND MACHINE
B-14	1990; A17.1 RECOMMENDED	PROVIDE A CODE DATA TAG FOR TEST AND INSPECTION USE
I-2	NEC; NFPA 70 620.85	PROVIDE GFCI FOR PERSONNEL PROTECTION
H-1	1990; A17.1 203.9(B)	PROVIDE ADEQVATE PLATFORM GUARD
TEST	2004; A17.1	PROVIDE PROPER RELIEF VALVE SETTING

Date: 8/15/14 Post: San Salvador/El Salvador

Property Name: ANNEX Property ID # X3002 Equipment # 4

Standards 1990 A 17.1; EN 81 Other: _____ Year Installed 1991
ASME X

Inspector: George Egey Certification: !433
Name Organization and Number

Wiring Diagrams Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
Test Procedures Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
OK Meets requirements			IA Inadequate (provide comments)				NA = Not Applicable		
D. INSIDE OF CAR									
		OK	IA	NA			OK	IA	NA
A1	Door reopening device	X			A12	Car enclosure	X		
A2	In-car Stop Switch	X			A13	Emergency car top exit (obstructions)	X		
A3	Leveling accuracy	X			A14	Car ventilation (natural) or (mechanical)	X		
A4	Car sills and floor	X			A15	Car operating symbols	X		
A5	Car lighting (normal and back-up)	X			A16	Car capacity data plate		X	
A6	Car (Alarm) emergency signal	X			A17	Verify standby power selection switch			X
A7	Car door condition and switch	X			A18	Restricted Opening of doors	X		
A8	Car door closing force	X			A19	Ride quality	X		
A9	Buttons for power door operation	X			A20	Means to detect door position	X		
A10	Power opening doors or gates	X			A21	Earthquake top exit key			X
A11	Glass doors or vision panel			X	A22	Car Overload Device			X
					A23	Manually Open Car Doors (Power Off)	X		
B. MACHINE ROOM or in the location of the drive machine									
		OK	IA	NA			OK	IA	NA
B1	Access to pulley or machine room	X			B8	Pipes, Wiring and Ducts	X		
B2	Headroom (157) inches	X			B9	Equipment Guards	X		
B3	Lighting and Receptacles	X			B10	Numbering of equipment		X	
B4	Housekeeping	X			B11	Disconnects size and mounting	X		

B5	Ventilation (forced or mechanical)	X			B12	Controller components condition	X		
B6	Class ABC fire extinguisher	X			B13	Governor and over speed switch, sealed			X
B7	EN81-1 Emergency brake release tools/instruction.			X	B14	Code data tag (edition of Code)			X
C. ELECTRIC TRACTION NA X									
		OK	IA	NA			OK	IA	NA
C1	Static Control or MG generators				C6	Traction Sheaves			
C2	Overhead beam and fastenings				C7	Secondary and deflector sheaves			
C3	Drive machine brake				C8	Rope Fasteners			
C4	Traction Drive machine condition				C9	Terminal stopping means in (MR)			
C5	Geared machine condition				C10	Car and Counterweight Safeties			
D. HYDRAULIC ELEVATOR NA □									
		OK	IA	NA			OK	IA	NA
D1	Hydraulic Power Unit	X			D6	Supply Line Shutoff Valve	X		
D2	Relief Valves	X			D7	Hydraulic Cylinders	X		
D3	Control Valve	X			D8	Fluid Loss Chart	X		
D4	Tanks (Reservoir)	X			D9	Pressure Switch	X		
D5	Flexible hose and Fittings			X	D10	Slack Cable Switches			X
E. TOP OF CAR									
		OK	IA	NA			OK	IA	NA
E1	Stop Switch	X			E13	Setbacks, Recesses, Projections			X
E2	Work Light and Outlet	X			E14	Hoist way Clearances	X		
E3	Control Station	X			E15	Multiple Hoist ways			X
E4	Refuge Space, Railings and Clearances	X			E16	Traveling Cables / hitch points	X		
E5	Normal Terminal stopping	X			E17	Landing Door Equipment	X		
E6	Final and Emergency Terminal ETS	X			E18	Car Frame Construction	X		
E7	Leveling, Door Zone Selector	X			E19	Guide Rail Fastening	X		
E8	Top Emergency Exit	X			E20	Governor Rope Condition			X
E9	Floor identification Numbers	X			E21	Governor Release Carrier			X
E10	Hoist way Construction	X			E22	Suspension Means Fastening			X
E11	Hoist way Ventilation	X			E23	Suspension Means (tension, condition)			X
E12	Pipes, Wiring, Raceways and Ducts	X			E24	Top of car, pit, in-car, and machine room communication	X		
F. ELECTRIC ELEVATOR NA X									

K. HYDRAULIC ELEVATORS									
		OK	IA	NA			OK	IA	NA
K1	Plunger and Cylinder	X			K4	Supply Piping	X		
K2	Car Buffer	X			K5	Guiding Members	X		
K3	Rupture Valves			X	K6	Scavenger Pumps	X		
L. SPECIAL FEATURES									
		OK	IA	NA			OK	IA	NA
L1	ASME A17.1 RECALL	X			L9	EN 81 -72 FIRE SERVICE ELEVATOR			X
L2	ASME A 17.1 PHASE II	X			L10	EN 81-73 FIRE RECALL			X
L3	EMERGENCY POWER	X			L11	THREE-POINT COMMUNICATION			X
L4	SEISMIC OPERATION Zone: <input type="checkbox"/> 0 <input type="checkbox"/> 2 <input type="checkbox"/> 4			X	L12	HANDSFREE EMERGENCY COMMUNUCATION	X		
L5	INDEPENDENT OPERATION	X			L13	PIT INSPECTION STATION			X
L6	MARINE SECURITY (Capture)			X	L14	PIT WATER MONITOR			X
L7	MARINE SECURITY (Shutdown)			X	L15	ACCESSIBILITY COMPLIANCE	X		
L8	CARD READER			X	L16	NFPA-70 COMPLIANCE	X		
TEST RESULTS									
XOK <input type="checkbox"/> IA <input type="checkbox"/> Conditional (Explain)									

Periodical Tests shall be less stringent than those required for acceptance/commissioning. The tests shall not cause excessive wear or impose stresses likely to reduce safety. The periodical test shall determine that all elevator components which do not operate in normal service are operating correctly.

Test Frequency	<input type="checkbox"/> Annual	<input type="checkbox"/> 2-years	<input checked="" type="checkbox"/> Full load	<input checked="" type="checkbox"/> X	<input type="checkbox"/> Commission
Type of Elevator	<input type="checkbox"/> Electric traction <input checked="" type="checkbox"/> Hydraulic <input type="checkbox"/> Roped Hydraulic <input type="checkbox"/> Dumbwaiter				
Rated Capacity	3000 <input type="checkbox"/> kg <input checked="" type="checkbox"/> lbs.		Rated Speed	125 <input type="checkbox"/> m/s <input checked="" type="checkbox"/> fpm	
Test	Car	Counterweight <input type="checkbox"/> NA			
1. Governor: NA <input type="checkbox"/> Centrifugal (with jaw) <input type="checkbox"/> Centrifugal (jawless) <input type="checkbox"/> Fly-ball	Settings Over speed Switch _____ m/s Tripping speed _____ m/s <input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA	Settings Over speed Switch _____ m/s Tripping speed _____ m/s <input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA			
2. Safety Gear NA <input type="checkbox"/> Type A (instantaneous) <input type="checkbox"/> Type B (progressive) <input type="checkbox"/> Type C (buffered instantaneous)	Results <u>Full Load Test and Commission</u> Speed Gov tripped _____ m/s Length of Slide _____ mm Safety Shoe Length _____ mm	Results <u>Full Load Test and Commission</u> Speed Gov tripped _____ m/s Length of Slide _____ mm Safety Shoe Length _____ mm			

	<u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened	<u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened
3. Buffer Solid Type <input checked="" type="checkbox"/> Spring Type <input type="checkbox"/> Oil Plunger Type	<p style="text-align: center;">Data</p> Buffer Stroke <u> 63 </u> mm Run By <u> 150 </u> mm Oil Plunger compressed; time to return <u> </u> Seconds	<p style="text-align: center;">Data</p> Buffer Stroke <u> </u> mm Run By <u> </u> mm Oil Plunger compressed; time to return <u> </u> Seconds
4. Ascending Over speed Detection Means	Tested per manual instructions <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Record speed set to activate <u> </u> m/s	
5. Emergency Brake NA	Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA NA Commissioning (125%) rated load <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
6. Unintended Movement Means	Distance car traveled: Up <u> </u> mm Down <u> </u> mm	
7. Final Limit Device	Top final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Bottom final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
8. Up and Down Emergency Terminal Stopping Means	Top ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: <u> </u> Bottom ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: <u> </u>	
9. Leveling and Re-leveling	Verify car and landing sills do not exceed plus or minus ½ inch above or below the landing. <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Verify that the car will not re-level when the car is more than 3 inches above or below the landing sill, with the doors open. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
10. Machine Brake NA	Commissioning: Lower Stop and Hold 125% <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load: Lower Stop and Hold rated <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Periodical: No weight necessary <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
11. Traction Limits NA	Commissioning: Observe either loss of traction or motor stall. <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load Test <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
12. Door Speed and Forces	Measure door closing torque: not to exceed 30 ft/lbs in the middle of the closing cycle. Value <u> 19 </u>ft/lb <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
13. Door Locks and Gate Switches	Door switch shall not allow car to run when door gap exceeds 2 inches. Measured Value <u> 1/2 </u>in. <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	

14. Firefighters' Emergency Operation	ASME A17.1 Test Phase I recall and Phase II in-car operation <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA EN 81 – 72 Firefighter Lift <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA EN 81 – 73 Recall <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
15. Seismic (earthquake) operation NA	Test Seismic Devices Ring and String <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Building Seismic Detector <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
16. Marine Security Operation (@Marine Post 1)	Test Capture Feature Cars returned non-stop designated landing and parked with doors closed and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Test Night Shut Down Cars returned to the designated landing and parked with the doors open and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
17. Emergency Communication Device Intercom <input type="checkbox"/> Phone <input checked="" type="checkbox"/>	Hands free operation <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Received calls from an outside location <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Visual signals illuminated <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Successful automatic roll over <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
18. Emergency or Standby Power	Number of elevators that operate at the same time? <u> 2 </u> Manual selection switch provided? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Will the elevators return to designated landing and park with their doors open? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Does the ATS have a pre-transfer? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
19. MRL Rescue Operation	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
HYDRAULIC ELEVATOR TEST				
20. Relief Valve Setting	Working Pressure	340psi	Relief Pressure	471psi
21. Hydraulic System Test	Pressure used to conduct Test	340psi	Passed Test <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA	
22. Static System Test (minimum 15 minutes)	Starting Point	0"	Distance car moved	3/8 in.
23. Normal Terminal Stopping Device	Did the car stop at or near the terminal landing <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA			

Date: 8/15/14 Post: San Salvador/El Salvador

Property Name: ANNEX Property ID # X3002 Equipment # 5

Standards 1990 A17.1 EN 81 Other: _____ Year Installed 1991
ASME X _____

Inspector: George Egey Certification: 1433
 Name Organization and Number

Wiring Diagrams Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No											
Test Procedures Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											
OK	Meets requirements	IA	Inadequate (provide comments)				NA	= Not Applicable			
E. INSIDE OF CAR											
		OK	IA	NA				OK	IA	NA	
A1	Door reopening device	X			A12	Car enclosure		X			
A2	In-car Stop Switch	X			A13	Emergency car top exit (obstructions)		X			
A3	Leveling accuracy	X			A14	Car ventilation (natural) or (mechanical)		X			
A4	Car sills and floor	X			A15	Car operating symbols		X			
A5	Car lighting (normal and back-up)	X			A16	Car capacity data plate			X		
A6	Car (Alarm) emergency signal	X			A17	Verify standby power selection switch				X	
A7	Car door condition and switch	X			A18	Restricted Opening of doors		X			
A8	Car door closing force	X			A19	Ride quality		X			
A9	Buttons for power door operation	X			A20	Means to detect door position		X			
A10	Power opening doors or gates	X			A21	Earthquake top exit key				X	
A11	Glass doors or vision panel			X	A22	Car Overload Device				X	
					A23	Manually Open Car Doors (Power Off)		X			
B. MACHINE ROOM or in the location of the drive machine											
		OK	IA	NA				OK	IA	NA	
B1	Access to pulley or machine room	X			B8	Pipes, Wiring and Ducts		X			
B2	Headroom (157)inches	X			B9	Equipment Guards		X			
B3	Lighting and Receptacles	X			B10	Numbering of equipment			X		
B4	Housekeeping	X			B11	Disconnects size and mounting		X			
B5	Ventilation (forced or mechanical)	X			B12	Controller components condition		X			
B6	Class ABC fire extinguisher	X			B13	Governor and overspeed switch, sealed				X	
B7	EN81-1 Emergency brake release tools/instruction.			X	B14	Code data tag (edition of Code)				X	
C. ELECTRIC TRACTION NA X											
		OK	IA	NA				OK	IA	NA	
C1	Static Control or MG generators				C6	Traction Sheaves					
C2	Overhead beam and fastenings				C7	Secondary and deflector sheaves					

C3	Drive machine brake				C8	Rope Fasteners			
C4	Traction Drive machine condition				C9	Terminal stopping means in (MR)			
C5	Geared machine condition				C10	Car and Counterweight Safeties			
D. HYDRAULIC ELEVATOR NA □									
		OK	IA	NA			OK	IA	NA
D1	Hydraulic Power Unit	X			D6	Supply Line Shutoff Valve	X		
D2	Relief Valves	X			D7	Hydraulic Cylinders	X		
D3	Control Valve	X			D8	Fluid Loss Chart	X		
D4	Tanks (Reservoir)	X			D9	Pressure Switch	X		
D5	Flexible hose and Fittings			X	D10	Slack Cable Switches			X
E. TOP OF CAR									
		OK	IA	NA			OK	IA	NA
E1	Stop Switch	X			E13	Setbacks, Recesses, Projections			X
E2	Work Light and Outlet	X			E14	Hoist way Clearances	X		
E3	Control Station	X			E15	Multiple Hoist ways			X
E4	Refuge Space, Railings and Clearances	X			E16	Traveling Cables / hitch points	X		
E5	Normal Terminal stopping	X			E17	Landing Door Equipment	X		
E6	Final and Emergency Terminal ETS	X			E18	Car Frame Construction	X		
E7	Leveling, Door Zone Selector	X			E19	Guide Rail Fastening	X		
E8	Top Emergency Exit	X			E20	Governor Rope Condition			X
E9	Floor identification Numbers	X			E21	Governor Release Carrier			X
E10	Hoist way Construction	X			E22	Suspension Means Fastening			X
E11	Hoist way Ventilation	X			E23	Suspension Means (tension, condition)			X
E12	Pipes, Wiring, Raceways and Ducts	X			E24	Top of car, pit, in-car, and machine room communication	X		
F. ELECTRIC ELEVATOR NA X									
		OK	IA	NA			OK	IA	NA
F1	Top Counterweight Clearance				F4	Crosshead Data Plate			
F2	Car Overhead and Deflector Sheaves				F5	Counterweight and Cwt Traveling Buffer			
F3	Broken Rope, Chain or Tape Switch				F6	Counterweight Safeties			
G. HYDRAULIC ELEVATOR NA □									
		OK	IA	NA			OK	IA	NA
G1	Speed test	X			G4	Counterweight			X
G2	Slack Rope Device			X	G5	Compensating Ropes and Chains			X
G3	Traveling Sheave			X					
H. OUTSIDE HOISTWAY									
		OK	IA	NA			OK	IA	NA
H1	Car Platform Guard Length to break (14.5) inches		X		H8	Vertical bi-parting Close Sequence			X
H2	Hoist way doors (1.5) hr. rating	X			H9	Glass Hoist way Enclosures			X

H3	Hoist way door vision panel			X	H10	Parking Devices	X		
H4	Hoist way Unlocking Devices	X			H11	Emergency Doors (in Hoist way)			X
H5	Hoist way Access	X			H12	Separate Counterweigh Hoist way			X
H6	EN81-1 Docking Operation			X	H13	Standby Power Selection Key and Switch			X
H7	Power Closing Hoist way Doors			X	H14	Door Unlocking Zone	X		
I. PIT									
		OK	IA	NA			OK	IA	NA
I-1	Pit Access	X			I-7	Normal terminal Stopping Device	X		
I-2	Pit Lighting		X		I-8	Traveling cables	X		
I-3	Pit Stop Switch and Lights	X			I-9	Governor Rope Tension Device			X
I-4	Bottom Clearance and Runby	X			I-10	Car Frame and Bottom of Platform	X		
I-5	Final and Emergency Terminal Stopping Device	X			I-11	Car Safeties and bottom safety means			X
I-6	Sump Pump			X	I-12	Buffer –Emergency terminal speed limiting device	X		
					I-13	Pit Depth (58.5)inches	X		
J. ELECTRIC ELEVATORS NA X									
		OK	IA	NA			OK	IA	NA
J1	Compensating Chains, Ropes and Sheaves								
K. HYDRAULIC ELEVATORS									
		OK	IA	NA			OK	IA	NA
K1	Plunger and Cylinder	X			K4	Supply Piping	X		
K2	Car Buffer	X			K5	Guiding Members	X		
K3	Rupture Valves			X	K6	Scavenger Pumps			X
L. SPECIAL FEATURES									
		OK	IA	NA			OK	IA	NA
L1	ASME A17.1 RECALL	X			L9	EN 81 -72 FIRE SERVICE ELEVATOR			X
L2	ASME A 17.1 PHASE II	X			L10	EN 81-73 FIRE RECALL			X
L3	EMERGENCY POWER	X			L11	THREE-POINT COMMUNICATION			X
L4	SEISMIC OPERATION Zone: <input type="checkbox"/> 0 <input type="checkbox"/> 2 <input type="checkbox"/> 4			X	L12	HANDSFREE EMERGENCY COMMUNUCATION	X		
L5	INDEPENDENT OPERATION	X			L13	PIT INSPECTION STATION			X
L6	MARINE SECURITY (Capture)			X	L14	PIT WATER MONITOR			X
L7	MARINE SECURITY (Shutdown)			X	L15	ACCESSIBILITY COMPLIANCE	X		
L8	CARD READER			X	L16	NFPA-70 COMPLIANCE	X		
TEST RESULTS									
<input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> Conditional (Explain) Perform necessary repairs									

Periodical Tests shall be less stringent than those required for acceptance/commissioning. The tests shall not cause excessive wear or impose stresses likely to reduce safety. The periodical test shall determine that all elevator components ***which do not operate in normal service*** are operating correctly.

Test Frequency	Annual		2-years		Full load	X	Commission	
Type of Elevator	<input type="checkbox"/> Electric traction <input checked="" type="checkbox"/> Hydraulic <input type="checkbox"/> Roped Hydraulic <input type="checkbox"/> Dumbwaiter							
Rated Capacity	4000 <input type="checkbox"/> kg		<input checked="" type="checkbox"/> lbs.		Rated Speed	125 <input type="checkbox"/> m/s <input checked="" type="checkbox"/> fpm		
Test			Car			Counterweight <input type="checkbox"/> NA		
1. Governor: NA <input type="checkbox"/> Centrifugal (with jaw) <input type="checkbox"/> Centrifugal (jawless) <input type="checkbox"/> Fly-ball			Settings Overspeed Switch _____ m/s Tripping speed _____ m/s <input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA			Settings Overspeed Switch _____ m/s Tripping speed _____ m/s <input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA		
2. Safety Gear NA <input type="checkbox"/> Type A (instantaneous) <input type="checkbox"/> Type B (progressive) <input type="checkbox"/> Type C (buffered instantaneous)			Results <u>Full Load Test and Commission</u> Speed Gov tripped _____ m/s Length of Slide _____ mm Safety Shoe Length _____ mm <u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened			Results <u>Full Load Test and Commission</u> Speed Gov tripped _____ m/s Length of Slide _____ mm Safety Shoe Length _____ mm <u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened		
3. Buffer Solid Type <input checked="" type="checkbox"/> Spring Type <input type="checkbox"/> Oil Plunger Type			Data Buffer Stroke ___ 63 ___ mm Run By ___ 150 ___ mm Oil Plunger compressed; time to return _____ Seconds			Data Buffer Stroke _____ mm Run By _____ mm Oil Plunger compressed; time to return _____ Seconds		
4. Ascending Overspeed Detection Means			Tested per manual instructions <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Record speed set to activate _____ m/s					
5. Emergency Brake NA			Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Commissioning (125%) rated load <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA					
6. Unintended Movement Means NA			Distance car traveled: Up _____ mm Down _____ mm					
7. Final Limit Device			Top final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Bottom final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA					
8. Up and Down Emergency Terminal Stopping Means			Top ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: _____ Bottom ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: _____					
9. Leveling and Re-leveling			Verify car and landing sills do not exceed plus or minus ½ inch above or below the landing. <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Verify that the car will not re-level when the car is more than 3 inches above or below the landing sill, with the doors open. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA					
10. Machine Brake NA			Commissioning: Lower Stop and Hold 125% <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load: Lower Stop and Hold rated <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Periodical: No weight necessary <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA					
11. Traction Limits NA			Commissioning: Observe either loss of traction or motor stall. <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load Test					

	<input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
12. Door Speed and Forces	Measure door closing torque: not to exceed 30 ft/lbs in the middle of the closing cycle. Value <u>20</u> ft/lb <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
13. Door Locks and Gate Switches	Door switch shall not allow car to run when door gap exceeds 2 inches. Measured Value <u>1/2</u> in. <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
14. Firefighters' Emergency Operation	ASME A17.1 Test Phase I recall and Phase II in-car operation <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA EN 81 – 72 Firefighter Lift <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA EN 81 – 73 Recall <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
15. Seismic (earthquake) operation NA	Test Seismic Devices Ring and String <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Building Seismic Detector <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
16. Marine Security Operation (@Marine Post 1)	Test Capture Feature Cars returned non-stop designated landing and parked with doors closed and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Test Night Shut Down Cars returned to the designated landing and parked with the doors open and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
17. Emergency Communication Device Intercom <input type="checkbox"/> Phone <input checked="" type="checkbox"/>	Hands free operation <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Received calls from an outside location <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Visual signals illuminated <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Successful automatic roll over <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
18. Emergency or Standby Power	Number of elevators that operate at the same time? <u>2</u> Manual selection switch provided? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Will the elevators return to designated landing and park with their doors open? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Does the ATS have a pre-transfer? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
19. MRL Rescue Operation	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
HYDRAULIC ELEVATOR TEST				
20. Relief Valve Setting	Working Pressure	300psi	Relief Pressure	350psi
21. Hydraulic System Test	Pressure used to conduct Test	300psi	Passed Test <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA	
22. Static System Test (minimum 15 minutes)	Starting Point	0"	Distance car moved	7/16 in.
23. Normal Terminal Stopping Device	Did the car stop at or near the terminal landing <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA			

Date: 8/15/14 Post: San Salvador/El Salvador

Property Name: EMR Property ID # X3006 Equipment # 1

Standards ASME EN 81 Other: _____ Year Installed 1991

Inspector: George Egey Certification: 1433 Code 1990 A17.1, Part 5
 Name Organization and Number

Wiring Diagrams Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
Test Procedures Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
OK Meets requirements			IA Inadequate (provide comments)				NA = Not Applicable		
F. INSIDE OF CAR									
		OK	IA	NA			OK	IA	NA
A1	Door reopening device	X			A12	Car enclosure	X		
A2	In-car Stop Switch	X			A13	Emergency car top exit (obstructions)			X
A3	Leveling accuracy	X			A14	Car ventilation (natural) or (mechanical)	X		
A4	Car sills and floor	X			A15	Car operating symbols	X		
A5	Car lighting (normal and back-up)	X	X		A16	Car capacity data plate	X		
A6	Car (Alarm) emergency signal	X			A17	Verify standby power selection switch			X
A7	Car door condition and switch	X			A18	Restricted Opening of doors			X
A8	Car door closing force			X	A19	Ride quality	X		
A9	Buttons for power door operation			X	A20	Means to detect door position			X
A10	Power opening doors or gates			X	A21	Earthquake top exit key			X
A11	Glass doors or vision panel			X	A22	Car Overload Device			X
					A23	Manually Open Car Doors (Power Off)	X		
B. MACHINE ROOM or in the location of the drive machine									
		OK	IA	NA			OK	IA	NA
B1	Access to pulley or machine room	X			B8	Pipes, Wiring and Ducts	X		
B2	Headroom (59)inches	X			B9	Equipment Guards	X		
B3	Lighting and Receptacles	X			B10	Numbering of equipment	X		
B4	Housekeeping	X			B11	Disconnects size and mounting	X		
B5	Ventilation (forced or mechanical)	X			B12	Controller components condition	X		
B6	Class ABC fire extinguisher	X			B13	Governor and overspeed switch, sealed			X
B7	EN81-1 Emergency brake release tools/instruction.			X	B14	Code data tag (edition of Code)		X	X
C. ELECTRIC TRACTION NA									
		OK	IA	NA			OK	IA	NA
C1	Static Control or MG generators			X	C6	Traction Sheaves	X		
C2	Overhead beam and fastenings	X			C7	Secondary and deflector sheaves	X		
C3	Drive machine brake	X			C8	Rope Fasteners	X		

C4	Traction Drive machine condition	X			C9	Terminal stopping means in (MR)			X
C5	Geared machine condition	X			C10	Car and Counterweight Safeties	X		
D. HYDRAULIC ELEVATOR NAX									
		OK	IA	NA			OK	IA	NA
D1	Hydraulic Power Unit				D6	Supply Line Shutoff Valve			
D2	Relief Valves				D7	Hydraulic Cylinders			
D3	Control Valve				D8	Fluid Loss Chart			
D4	Tanks (Reservoir)				D9	Pressure Switch			
D5	Flexible hose and Fittings				D10	Slack Cable Switches			
E. TOP OF CAR									
		OK	IA	NA			OK	IA	NA
E1	Stop Switch			X	E13	Setbacks, Recesses, Projections			X
E2	Work Light and Outlet			X	E14	Hoistway Clearances	X		
E3	Control Station	X			E15	Multiple Hoistways			X
E4	Refuge Space, Railings and Clearances	X	X		E16	Traveling Cables / hitch points	X		
E5	Normal Terminal stopping	X			E17	Landing Door Equipment	X		
E6	Final and Emergency Terminal ETS	X			E18	Car Frame Construction	X		
E7	Leveling, Door Zone Selector	X			E19	Guide Rail Fastening	X		
E8	Top Emergency Exit			X	E20	Governor Rope Condition			X
E9	Floor identification Numbers		X	X	E21	Governor Release Carrier			X
E10	Hoistway Construction	X			E22	Suspension Means Fastening	X		
E11	Hoistway Ventilation	X			E23	Suspension Means (tension, condition)	X		
E12	Pipes, Wiring, Raceways and Ducts	X			E24	Top of car, pit, in-car, and machine room communication	X		
F. ELECTRIC ELEVATOR NA									
		OK	IA	NA			OK	IA	NA
F1	Top Counterweight Clearance	X			F4	Crosshead Data Plate			X
F2	Car Overhead and Deflector Sheaves	X			F5	Counterweight and Cwt Traveling Buffer			X
F3	Broken Rope, Chain or Tape Switch	X			F6	Counterweight Safeties			X
G. HYDRAULIC ELEVATOR NA X									
		OK	IA	NA			OK	IA	NA
G1	Speed test				G4	Counterweight			
G2	Slack Rope Device				G5	Compensating Ropes and Chains			
G3	Traveling Sheave								
H. OUTSIDE HOISTWAY									
		OK	IA	NA			OK	IA	NA
H1	Car Platform Guard Length to break (0) inches			X	H8	Vertical bi-parting Close Sequence			X
H2	Hoistway doors (3/4) hr. rating	X			H9	Glass Hoistway Enclosures			X
H3	Hoistway door vision panel	X			H10	Parking Devices			X
H4	Hoistway Unlocking Devices	X			H11	Emergency Doors (in Hoistway)			X

H5	Hoistway Access	X			H12	Separate Counterweigh Hoistway			X
H6	EN81-1 Docking Operation			X	H13	Standby Power Selection Key and Switch			X
H7	Power Closing Hoistway Doors			X	H14	Door Unlocking Zone	X		
I. PIT									
		OK	IA	NA			OK	IA	NA
I-1	Pit Access	X			I-7	Normal terminal Stopping Device	X		
I-2	Pit Lighting	X			I-8	Traveling cables	X		
I-3	Pit Stop Switch and Lights	X			I-9	Governor Rope Tension Device			X
I-4	Bottom Clearance and Runby			X	I-10	Car Frame and Bottom of Platform	X		
I-5	Final and Emergency Terminal Stopping Device	X			I-11	Car Safeties and bottom safety means	X		
I-6	Sump Pump			X	I-12	Buffer –Emergency terminal speed limiting device	X		
					I-13	Pit Depth (11.5)inches	X		
J. ELECTRIC ELEVATORS									
		OK	IA	NA			OK	IA	NA
J1	Compensating Chains, Ropes and Sheaves			X					
K. HYDRAULIC ELEVATORS									
		OK	IA	NA			OK	IA	NA
K1	Plunger and Cylinder				K4	Supply Piping			
K2	Car Buffer				K5	Guiding Members			
K3	Rupture Valves				K6	Scavenger Pumps			
L. SPECIAL FEATURES									
		OK	IA	NA			OK	IA	NA
L1	ASME A17.1 RECALL			X	L9	EN 81 -72 FIRE SERVICE ELEVATOR			X
L2	ASME A 17.1 PHASE II			X	L10	EN 81-73 FIRE RECALL			X
L3	EMERGENCY POWER			X	L11	THREE-POINT COMMUNICATION			X
L4	SEISMIC OPERATION Zone: <input type="checkbox"/> 0 <input type="checkbox"/> 2 <input type="checkbox"/> 4			X	L12	HANDSFREE EMERGENCY COMMUNUCATION	X		
L5	INDEPENDENT OPERATION			X	L13	PIT INSPECTION STATION			X
L6	MARINE SECURITY (Capture)			X	L14	PIT WATER MONITOR			X
L7	MARINE SECURITY (Shutdown)			X	L15	ACCESSIBILITY COMPLIANCE	X		
L8	CARD READER			X	L16	NFPA-70 COMPLIANCE			X
TEST RESULTS									
XOK IA <input type="checkbox"/> Conditional (Explain)									

Periodical Tests shall be less stringent than those required for acceptance/commissioning. The tests shall not cause excessive wear or impose stresses likely to reduce safety. The periodical test shall determine that all elevator components ***which do not operate in normal service*** are operating correctly.

Test Frequency	Annual		2-years		Full load	x	Commission	
Type of Elevator	X Electric traction		Hydraulic	<input type="checkbox"/> Roped Hydraulic	<input type="checkbox"/> Dumbwaiter			

Rated Capacity	700 <input type="checkbox"/> kg x lbs.	Rated Speed	36 <input type="checkbox"/> m/s x fpm
Test	Car	Counterweight <input type="checkbox"/> NA	
1. Governor: <input type="checkbox"/> Centrifugal (with jaw) <input type="checkbox"/> Centrifugal (jawless) <input type="checkbox"/> Fly-ball	Settings Overspeed Switch _____ m/s Tripping speed _____ m/s <input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA	Settings Overspeed Switch _____ m/s Tripping speed _____ m/s <input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA	
2. Safety Gear <input checked="" type="checkbox"/> Type A (instantaneous) <input type="checkbox"/> Type B (progressive) <input type="checkbox"/> Type C (buffered instantaneous)	Results <u>Full Load Test and Commission</u> Speed Gov tripped _____ m/s Length of Slide _____ mm Safety Shoe Length _____ mm <u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened	Results <u>Full Load Test and Commission</u> Speed Gov tripped _____ m/s Length of Slide _____ mm Safety Shoe Length _____ mm <u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened	
3. Buffer Solid Type NA Spring Type <input type="checkbox"/> Oil Plunger Type	Data Buffer Stroke _____ mm Run By _____ 35 _____ mm Oil Plunger compressed; time to return _____ Seconds	Data Buffer Stroke _____ mm Run By _____ mm Oil Plunger compressed; time to return _____ Seconds	
4. Ascending Overspeed Detection Means	Tested per manual instructions <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Record speed set to activate _____ m/s		
5. Emergency Brake NA	Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Commissioning (125%) rated load <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA		
6. Unintended Movement Means NA	Distance car traveled: Up _____ mm Down _____ mm		
7. Final Limit Device	Top final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Bottom final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
8. Up and Down Emergency Terminal Stopping Means	Top ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: _____ Bottom ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: _____		
9. Leveling and Re-leveling	Verify car and landing sills do not exceed plus or minus ½ inch above or below the landing. <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Verify that the car will not re-level when the car is more than 3 inches above or below the landing sill, with the doors open. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA		
10. Machine Brake	Commissioning: Lower Stop and Hold 125% <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load: Lower Stop and Hold rated <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Periodical: No weight necessary <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
11. Traction Limits NA	Commissioning: Observe either loss of traction or motor stall. <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load Test <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA		

12. Door Speed and Forces NA	Measure door closing torque: not to exceed 30 ft/lbs in the middle of the closing cycle. Value ___ft/lb OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
13. Door Locks and Gate Switches	Door switch shall not allow car to run when door gap exceeds 2 inches. Measured Value ___in. X OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
14. Firefighters' Emergency Operation NA	ASME A17.1 Test Phase I recall and Phase II in-car operation OK <input type="checkbox"/> IA <input type="checkbox"/> NA EN 81 – 72 Firefighter Lift <input type="checkbox"/> OK <input type="checkbox"/> IA X NA EN 81 – 73 Recall <input type="checkbox"/> OK <input type="checkbox"/> IA X NA		
15. Seismic (earthquake) operation NA	Test Seismic Devices Ring and String <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Building Seismic Detector <input type="checkbox"/> OK <input type="checkbox"/> IA X NA		
16. Marine Security Operation NA (@Marine Post 1)	Test Capture Feature Cars returned non-stop designated landing and parked with doors closed and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Test Night Shut Down Cars returned to the designated landing and parked with the doors open and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA X NA		
17. Emergency Communication Device Intercom <input type="checkbox"/> Phone X	Hands free operation X OK <input type="checkbox"/> IA <input type="checkbox"/> NA Received calls from an outside location <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Visual signals illuminated <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Successful automatic roll over <input type="checkbox"/> OK <input type="checkbox"/> IA X NA		
18. Emergency or Standby Power	Number of elevators that operate at the same time? ___1___ Manual selection switch provided? <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Will the elevators return to designated landing and park with their doors open? <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Does the ATS have a pre-transfer? <input type="checkbox"/> OK <input type="checkbox"/> IA X NA		
19. MRL Rescue Operation	<input type="checkbox"/> OK <input type="checkbox"/> IA X NA		
HYDRAULIC ELEVATOR TEST NA X			
20. Relief Valve Setting	Working Pressure	psi	Relief Pressure psi
21. Hydraulic System Test	Pressure used to conduct Test	psi	Passed Test OK IA
22. Static System Test (minimum 15 minutes)	Starting Point	Distance car moved	in.
23. Normal Terminal Stopping Device	Did the car stop at or near the terminal landing OK <input type="checkbox"/> IA		
24. Battery Lowering Operation	Did the car run down and open the doors? <input type="checkbox"/> OK <input type="checkbox"/> IA NA		
25. Low Oil Pressure Protection Operation	Time to activate	seconds	

26. Flexible Hose and Fittings Pressure Test	Test to be conducted for a minimum of 30 seconds at relief valve setting pressure. Are there any signs of oil leakage during test? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Does the hose have any signs of defects visible? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
27. Pressure Switch	Is the cylinder head installed higher than the reservoir?	<input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA
Pass or Fail Test		<input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA
28. Plunger Gripper	Is there a plunger gripper installed? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Unit tested? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
29. Over speed / Rupture Valve	Is there an overspeed /rupture valve? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Unit tested? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
SUMMARY: WHERE THE TEST RESULTS SATISFACTORY? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO • IF ANSWER IS NO, EXPLAIN IN COMMENT SECTION.		

PUNCH LIST/COMMENTS		
Section	Code/Spec.	Deficiency/Comment
		Based on the information provided, this elevator appears to be a private residence elevator. The applicable section of the 1990 A17.1 code would be Part 5 PRIVATE RESIDENCE ELEVATORS
		Rescinded not required by code.
		Rescinded not required by code
		Rescinded, car top clearance (12") meets requirements of section 5.3
		Rescinded not required by code
		Note; edits and comments in red by Rob McGeeney, IMAP Elevator Inspector Manager

Comments

THIS ELEVATOR HAS COLAPSIBLE GATES AND SWING HATCH DOORS, ALSO IS NO GOVERNOR ONLY SAFETY DEVICE ON TOP OF CAR (IN GOOD WORKING ORDER)

Date: 8/15/14 Post: San Salvador/El Salvador

Property Name: EMR Property ID # X3006 Equipment # 1

Standards ASME X EN 81 Other: _____ Year Installed 1991

Inspector: George Egey Certification: 1433 Code 1990 A17.1 Part 7
 Name Organization and Number

Wiring Diagrams Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
Test Procedures Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
OK	Meets requirements	IA	Inadequate (provide comments)	NA = Not Applicable					
G. INSIDE OF CAR									
		OK	IA	NA			OK	IA	NA
A1	Door reopening device			x	A12	Car enclosure	x		
A2	In-car Stop Switch			x	A13	Emergency car top exit (obstructions)			x
A3	Leveling accuracy	x			A14	Car ventilation (natural) or (mechanical)			x
A4	Car sills and floor	x			A15	Car operating symbols			x
A5	Car lighting (normal and back-up)			x	A16	Car capacity data plate	x		
A6	Car (Alarm) emergency signal			x	A17	Verify standby power selection switch			x
A7	Car door condition and switch	x			A18	Restricted Opening of doors			x
A8	Car door closing force			x	A19	Ride quality	x		
A9	Buttons for power door operation			x	A20	Means to detect door position			x
A10	Power opening doors or gates			x	A21	Earthquake top exit key			x
A11	Glass doors or vision panel			x	A22	Car Overload Device			x
					A23	Manually Open Car Doors (Power Off)			x
B. MACHINE ROOM or in the location of the drive machine									
		OK	IA	NA			OK	IA	NA
B1	Access to pulley or machine room	x			B8	Pipes, Wiring and Ducts	x		
B2	Headroom (10)inches	x			B9	Equipment Guards	x		
B3	Lighting and Receptacles	x			B10	Numbering of equipment	x		
B4	Housekeeping	x			B11	Disconnects size and mounting	x		
B5	Ventilation (forced or mechanical)	x			B12	Controller components condition	x		
B6	Class ABC fire extinguisher	x			B13	Governor and overspeed switch, sealed			x

B7	EN81-1 Emergency brake release tools/instruction.			x	B14	Code data tag (edition of Code)		x	x
C. ELECTRIC TRACTION NA									
		OK	IA	NA			OK	IA	NA
C1	Static Control or MG generators			x	C6	Traction Sheaves	x		
C2	Overhead beam and fastenings	x			C7	Secondary and deflector sheaves			x
C3	Drive machine brake	x			C8	Rope Fasteners	x		
C4	Traction Drive machine condition	x			C9	Terminal stopping means in (MR)	x		
C5	Geared machine condition	x			C10	Car and Counterweight Safeties			x
D. HYDRAULIC ELEVATOR NAX									
		OK	IA	NA			OK	IA	NA
D1	Hydraulic Power Unit				D6	Supply Line Shutoff Valve			
D2	Relief Valves				D7	Hydraulic Cylinders			
D3	Control Valve				D8	Fluid Loss Chart			
D4	Tanks (Reservoir)				D9	Pressure Switch			
D5	Flexible hose and Fittings				D10	Slack Cable Switches			
E. TOP OF CAR									
		OK	IA	NA			OK	IA	NA
E1	Stop Switch			x	E13	Setbacks, Recesses, Projections			x
E2	Work Light and Outlet			x	E14	Hoistway Clearances	x		
E3	Control Station			x	E15	Multiple Hoistways			x
E4	Refuge Space, Railings and Clearances			x	E16	Traveling Cables / hitch points	x		
E5	Normal Terminal stopping	x			E17	Landing Door Equipment	x		
E6	Final and Emergency Terminal ETS	x			E18	Car Frame Construction	x		
E7	Leveling, Door Zone Selector	x			E19	Guide Rail Fastening	x		
E8	Top Emergency Exit			x	E20	Governor Rope Condition			x
E9	Floor identification Numbers			x	E21	Governor Release Carrier			x
E10	Hoistway Construction	x			E22	Suspension Means Fastening	x		
E11	Hoistway Ventilation	x			E23	Suspension Means (tension, condition)	x		
E12	Pipes, Wiring, Raceways and Ducts	x			E24	Top of car, pit, in-car, and machine room communication	x		
F. ELECTRIC ELEVATOR NA									
		OK	IA	NA			OK	IA	NA
F1	Top Counterweight Clearance	x			F4	Crosshead Data Plate		x	
F2	Car Overhead and Deflector Sheaves			x	F5	Counterweight and Cwt Traveling Buffer			x
F3	Broken Rope, Chain or Tape Switch	x			F6	Counterweight Safeties			x

G. HYDRAULIC ELEVATOR NA X									
		OK	IA	NA			OK	IA	NA
G1	Speed test				G4	Counterweight			
G2	Slack Rope Device				G5	Compensating Ropes and Chains			
G3	Traveling Sheave								
H. OUTSIDE HOISTWAY									
		OK	IA	NA			OK	IA	NA
H1	Car Platform Guard Length to break (0) inches			x	H8	Vertical bi-parting Close Sequence	x		
H2	Hoistway doors (1.5) hr. rating	x			H9	Glass Hoistway Enclosures			x
H3	Hoistway door vision panel	x			H10	Parking Devices			x
H4	Hoistway Unlocking Devices	x			H11	Emergency Doors (in Hoistway)			x
H5	Hoistway Access	x			H12	Separate Counterweigh Hoistway			x
H6	EN81-1 Docking Operation			x	H13	Standby Power Selection Key and Switch			x
H7	Power Closing Hoistway Doors			x	H14	Door Unlocking Zone	x		
I. PIT									
		OK	IA	NA			OK	IA	NA
I-1	Pit Access	x			I-7	Normal terminal Stopping Device	x		
I-2	Pit Lighting	x			I-8	Traveling cables	x		
I-3	Pit Stop Switch and Lights			x	I-9	Governor Rope Tension Device			x
I-4	Bottom Clearance and Runby			x	I-10	Car Frame and Bottom of Platform	x		
I-5	Final and Emergency Terminal Stopping Device	x			I-11	Car Safeties and bottom safety means			x
I-6	Sump Pump			x	I-12	Buffer –Emergency terminal speed limiting device	x		
					I-13	Pit Depth (0)inches	x		
J. ELECTRIC ELEVATORS									
		OK	IA	NA			OK	IA	NA
J1	Compensating Chains, Ropes and Sheaves			x					
K. HYDRAULIC ELEVATORS NA X									
		OK	IA	NA			OK	IA	NA
K1	Plunger and Cylinder				K4	Supply Piping			
K2	Car Buffer				K5	Guiding Members			
K3	Rupture Valves				K6	Scavenger Pumps			
L. SPECIAL FEATURES									
		OK	IA	NA			OK	IA	NA
L1	ASME A17.1 RECALL			x	L9	EN 81 -72 FIRE SERVICE ELEVATOR			x
L2	ASME A 17.1 PHASE II			x	L10	EN 81-73 FIRE RECALL			x
L3	EMERGENCY POWER	x			L11	THREE-POINT COMMUNICATION			x
L4	SEISMIC OPERATION			x	L12	HANDSFREE EMERGENCY			x

	Zone: <input type="checkbox"/> 0 <input type="checkbox"/> 2 <input type="checkbox"/> 4					COMMUNUCATION			
L5	INDEPENDENT OPERATION			x	L13	PIT INSPECTION STATION			x
L6	MARINE SECURITY (Capture)			x	L14	PIT WATER MONITOR			x
L7	MARINE SECURITY (Shutdown)			x	L15	ACCESSIBILITY COMPLIANCE	x		
L8	CARD READER			x	L16	NFPA-70 COMPLIANCE	x		
TEST RESULTS									
XOK IA <input type="checkbox"/> Conditional (Explain)									

Periodical Tests shall be less stringent than those required for acceptance/commissioning. The tests shall not cause excessive wear or impose stresses likely to reduce safety. The periodical test shall determine that all elevator components ***which do not operate in normal service*** are operating correctly.

Test Frequency	Annual	2-years	Full load	X	Commission
Type of Elevator <input type="checkbox"/> Electric traction <input type="checkbox"/> Hydraulic <input type="checkbox"/> Roped Hydraulic <input checked="" type="checkbox"/> Dumbwaiter					
Rated Capacity	300 <input type="checkbox"/> kg <input checked="" type="checkbox"/> lbs.		Rated Speed	50 <input type="checkbox"/> m/s <input checked="" type="checkbox"/> fpm	
Test		Car		Counterweight <input type="checkbox"/> NA	
1. Governor:		Settings		Settings	
<input type="checkbox"/> Centrifugal (with jaw) <input type="checkbox"/> Centrifugal (jawless) <input type="checkbox"/> Fly-ball		Overspeed Switch _____ m/s Tripping speed _____ m/s <input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA		Overspeed Switch _____ m/s Tripping speed _____ m/s <input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA	
2. Safety Gear		Results		Results	
<input type="checkbox"/> Type A (instantaneous) <input type="checkbox"/> Type B (progressive) <input type="checkbox"/> Type C (buffered instantaneous)		<u>Full Load Test and Commission</u> Speed Gov tripped _____ m/s Length of Slide _____ mm Safety Shoe Length _____ mm <u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened		<u>Full Load Test and Commission</u> Speed Gov tripped _____ m/s Length of Slide _____ mm Safety Shoe Length _____ mm <u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened	
3. Buffer <input checked="" type="checkbox"/> Solid Type <input type="checkbox"/> Spring Type <input type="checkbox"/> Oil Plunger Type		Data		Data	
		Buffer Stroke _____ mm Run By _____ 35 _____ mm Oil Plunger compressed; time to return _____ Seconds		Buffer Stroke _____ mm Run By _____ mm Oil Plunger compressed; time to return _____ Seconds	
4. Ascending Overspeed Detection Means		Tested per manual instructions <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA			
		Record speed set to activate _____ m/s			
5. Emergency Brake		Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
		Commissioning (125%) rated load <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA			
6. Unintended Movement Means		Distance car traveled: Up _____ mm Down _____ mm			

7. Final Limit Device	Top final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Bottom final tested <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA
8. Up and Down Emergency Terminal Stopping Means	Top ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: _____ Bottom ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Location: _____
9. Leveling and Re-leveling NA	Verify car and landing sills do not exceed plus or minus ½ inch above or below the landing. <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Verify that the car will not re-level when the car is more than 3 inches above or below the landing sill, with the doors open. Yes <input type="checkbox"/> No <input type="checkbox"/> NA
10. Machine Brake	Commissioning: Lower Stop and Hold 125% <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load: Lower Stop and Hold rated <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Periodical: No weight necessary <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA
11. Traction Limits	Commissioning: Observe either loss of traction or motor stall. <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load Test <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA
12. Door Speed and Forces	Measure door closing torque: not to exceed 30 ft/lbs in the middle of the closing cycle. Value ___ft/lb <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA
13. Door Locks and Gate Switches	Door switch shall not allow car to run when door gap exceeds 2 inches. Measured Value _1/2_ in. <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA
14. Firefighters' Emergency Operation NA	ASME A17.1 Test Phase I recall and Phase II in-car operation <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA EN 81 – 72 Firefighter Lift <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA EN 81 – 73 Recall <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA
15. Seismic (earthquake) operation NA	Test Seismic Devices Ring and String <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Building Seismic Detector <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA
16. Marine Security Operation (@Marine Post 1) NA	Test Capture Feature Cars returned non-stop designated landing and parked with doors closed and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Test Night Shut Down Cars returned to the designated landing and parked with the doors open and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA
17. Emergency Communication Device Intercom <input type="checkbox"/> Phone NA	Hands free operation <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Received calls from an outside location <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Visual signals illuminated <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Successful automatic roll over <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA
18. Emergency or Standby Power	Number of elevators that operate at the same time? ___2___ Manual selection switch provided? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA Will the elevators return to designated landing and park with their doors open? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA

	Does the ATS have a pre-transfer? <input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA		
19. MRL Rescue Operation	<input type="checkbox"/> OK <input type="checkbox"/> IA <input checked="" type="checkbox"/> NA		
HYDRAULIC ELEVATOR TEST NA X			
20. Relief Valve Setting	Working Pressure	psi	Relief Pressure psi
21. Hydraulic System Test	Pressure used to conduct Test	psi	Passed Test <input type="checkbox"/> OK <input type="checkbox"/> IA
22. Static System Test (minimum 15 minutes)	Starting Point	Distance car moved	in.
23. Normal Terminal Stopping Device	Did the car stop at or near the terminal landing <input checked="" type="checkbox"/> OK <input type="checkbox"/> IA		
24. Battery Lowering Operation	Did the car run down and open the doors? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
25. Low Oil Pressure Protection Operation	Time to activate	seconds	
26. Flexible Hose and Fittings Pressure Test	Test to be conducted for a minimum of 30 seconds at relief valve setting pressure. Are there any signs of oil leakage during test? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Does the hose have any signs of defects visible? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
27. Pressure Switch	Is the cylinder head installed higher than the reservoir?	<input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
	Pass or Fail Test	<input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA	
28. Plunger Gripper	Is there a plunger gripper installed? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Unit tested? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
29. Over speed / Rupture Valve	Is there an overspeed /rupture valve? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Unit tested? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
SUMMARY: WHERE THE TEST RESULTS SATISFACTORY? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
<ul style="list-style-type: none"> IF ANSWER IS NO, EXPLAIN IN COMMENT SECTION. 			

PUNCH LIST/COMMENTS		
Section	Code/Spec.	Deficiency/Comment
		Rescinded, not required by 1990 code
	1990 701.8c	Provide as required by code

Wiring Diagrams Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
Test Procedures Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
OK	Meets requirements	IA Inadequate (provide comments)			NA = Not Applicable				
H. INSIDE OF CAR									
		OK	IA	NA			OK	IA	NA
A1	Door reopening device			x	A12	Car enclosure	x		
A2	In-car Stop Switch			x	A13	Emergency car top exit (obstructions)			x
A3	Leveling accuracy	x			A14	Car ventilation (natural) or (mechanical)			x
A4	Car sills and floor	x			A15	Car operating symbols			x
A5	Car lighting (normal and back-up)			x	A16	Car capacity data plate	x		
A6	Car (Alarm) emergency signal			x	A17	Verify standby power selection switch			x
A7	Car door condition and switch	x			A18	Restricted Opening of doors			x
A8	Car door closing force			x	A19	Ride quality	x		
A9	Buttons for power door operation			x	A20	Means to detect door position			x
A10	Power opening doors or gates			x	A21	Earthquake top exit key			x
A11	Glass doors or vision panel			x	A22	Car Overload Device			x
					A23	Manually Open Car Doors (Power Off)			x
B. MACHINE ROOM or in the location of the drive machine									
		OK	IA	NA			OK	IA	NA
B1	Access to pulley or machine room	x			B8	Pipes, Wiring and Ducts	x		
B2	Headroom (10)inches	x			B9	Equipment Guards	x		
B3	Lighting and Receptacles	x			B10	Numbering of equipment	x		
B4	Housekeeping	x			B11	Disconnects size and mounting	x		
B5	Ventilation (forced or mechanical)	x			B12	Controller components condition	x		
B6	Class ABC fire extinguisher	x			B13	Governor and overspeed switch, sealed			x
B7	EN81-1 Emergency brake release tools/instruction.			x	B14	Code data tag (edition of Code)		x	x
C. ELECTRIC TRACTION NA									
		OK	IA	NA			OK	IA	NA
C1	Static Control or MG generators			x	C6	Traction Sheaves	x		
C2	Overhead beam and fastenings	x			C7	Secondary and deflector sheaves			x
C3	Drive machine brake	x			C8	Rope Fasteners	x		
C4	Traction Drive machine condition	x			C9	Terminal stopping means in (MR)	x		

C5	Geared machine condition	X			C10	Car and Counterweight Safeties			X
D. HYDRAULIC ELEVATOR NAX									
		OK	IA	NA			OK	IA	NA
D1	Hydraulic Power Unit				D6	Supply Line Shutoff Valve			
D2	Relief Valves				D7	Hydraulic Cylinders			
D3	Control Valve				D8	Fluid Loss Chart			
D4	Tanks (Reservoir)				D9	Pressure Switch			
D5	Flexible hose and Fittings				D10	Slack Cable Switches			
E. TOP OF CAR									
		OK	IA	NA			OK	IA	NA
E1	Stop Switch			X	E13	Setbacks, Recesses, Projections			X
E2	Work Light and Outlet			X	E14	Hoistway Clearances	X		
E3	Control Station			X	E15	Multiple Hoistways			X
E4	Refuge Space, Railings and Clearances			X	E16	Traveling Cables / hitch points	X		
E5	Normal Terminal stopping	X			E17	Landing Door Equipment	X		
E6	Final and Emergency Terminal ETS	X			E18	Car Frame Construction	X		
E7	Leveling, Door Zone Selector	X			E19	Guide Rail Fastening	X		
E8	Top Emergency Exit			X	E20	Governor Rope Condition			X
E9	Floor identification Numbers			X	E21	Governor Release Carrier			X
E10	Hoistway Construction	X			E22	Suspension Means Fastening	X		
E11	Hoistway Ventilation	X			E23	Suspension Means (tension, condition)	X		
E12	Pipes, Wiring, Raceways and Ducts	X			E24	Top of car, pit, in-car, and machine room communication	X		
F. ELECTRIC ELEVATOR NA									
		OK	IA	NA			OK	IA	NA
F1	Top Counterweight Clearance	X			F4	Crosshead Data Plate		X	
F2	Car Overhead and Deflector Sheaves			X	F5	Counterweight and Cwt Traveling Buffer			X
F3	Broken Rope, Chain or Tape Switch	X			F6	Counterweight Safeties			X
G. HYDRAULIC ELEVATOR NA X									
		OK	IA	NA			OK	IA	NA
G1	Speed test				G4	Counterweight			
G2	Slack Rope Device				G5	Compensating Ropes and Chains			
G3	Traveling Sheave								
H. OUTSIDE HOISTWAY									
		OK	IA	NA			OK	IA	NA
H1	Car Platform Guard Length to break (0) inches			X	H8	Vertical bi-parting Close Sequence	X		
H2	Hoistway doors (1.5) hr. rating	X			H9	Glass Hoistway Enclosures			X

H3	Hoistway door vision panel	X			H10	Parking Devices			X
H4	Hoistway Unlocking Devices	X			H11	Emergency Doors (in Hoistway)			X
H5	Hoistway Access	X			H12	Separate Counterweigh Hoistway			X
H6	EN81-1 Docking Operation			X	H13	Standby Power Selection Key and Switch			X
H7	Power Closing Hoistway Doors			X	H14	Door Unlocking Zone	X		
I. PIT									
		OK	IA	NA			OK	IA	NA
I-1	Pit Access	X			I-7	Normal terminal Stopping Device	X		
I-2	Pit Lighting	X			I-8	Traveling cables	X		
I-3	Pit Stop Switch and Lights			X	I-9	Governor Rope Tension Device			X
I-4	Bottom Clearance and Runby			X	I-10	Car Frame and Bottom of Platform	X		
I-5	Final and Emergency Terminal Stopping Device	X			I-11	Car Safeties and bottom safety means			X
I-6	Sump Pump			X	I-12	Buffer –Emergency terminal speed limiting device	X		
					I-13	Pit Depth (0)inches	X		
J. ELECTRIC ELEVATORS									
		OK	IA	NA			OK	IA	NA
J1	Compensating Chains, Ropes and Sheaves			X					
K. HYDRAULIC ELEVATORS NA X									
		OK	IA	NA			OK	IA	NA
K1	Plunger and Cylinder				K4	Supply Piping			
K2	Car Buffer				K5	Guiding Members			
K3	Rupture Valves				K6	Scavenger Pumps			
L. SPECIAL FEATURES									
		OK	IA	NA			OK	IA	NA
L1	ASME A17.1 RECALL			X	L9	EN 81 -72 FIRE SERVICE ELEVATOR			X
L2	ASME A 17.1 PHASE II			X	L10	EN 81-73 FIRE RECALL			X
L3	EMERGENCY POWER	X			L11	THREE-POINT COMMUNICATION			X
L4	SEISMIC OPERATION Zone: <input type="checkbox"/> 0 <input type="checkbox"/> 2 <input type="checkbox"/> 4			X	L12	HANDSFREE EMERGENCY COMMUNUCATION			X
L5	INDEPENDENT OPERATION			X	L13	PIT INSPECTION STATION			X
L6	MARINE SECURITY (Capture)			X	L14	PIT WATER MONITOR			X
L7	MARINE SECURITY (Shutdown)			X	L15	ACCESSIBILITY COMPLIANCE	X		
L8	CARD READER			X	L16	NFPA-70 COMPLIANCE	X		
TEST RESULTS									
XOK IA <input type="checkbox"/> Conditional (Explain)									

Periodical Tests shall be less stringent than those required for acceptance/commissioning. The tests shall not cause excessive wear or impose stresses likely to reduce safety. The periodical test shall determine that all elevator

components ***which do not operate in normal service*** are operating correctly.

Test Frequency	Annual	2-years	Full load	X	Commission
Type of Elevator	<input type="checkbox"/> Electric traction Hydraulic <input type="checkbox"/> Roped Hydraulic X Dumbwaiter				
Rated Capacity	300 <input type="checkbox"/> kg X lbs.		Rated Speed	50 <input type="checkbox"/> m/s X fpm	
Test		Car		Counterweight <input type="checkbox"/> NA	
1. Governor:		Settings		Settings	
<input type="checkbox"/> Centrifugal (with jaw) <input type="checkbox"/> Centrifugal (jawless) <input type="checkbox"/> Fly-ball		Overspeed Switch _____ m/s Tripping speed _____ m/s <input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA		Overspeed Switch _____ m/s Tripping speed _____ m/s <input type="checkbox"/> Rope tension Switch <input type="checkbox"/> NA	
2. Safety Gear		Results		Results	
<input type="checkbox"/> Type A (instantaneous) <input type="checkbox"/> Type B (progressive) <input type="checkbox"/> Type C (buffered instantaneous)		<u>Full Load Test and Commission</u> Speed Gov tripped _____ m/s Length of Slide _____ mm Safety Shoe Length _____ mm <u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened		<u>Full Load Test and Commission</u> Speed Gov tripped _____ m/s Length of Slide _____ mm Safety Shoe Length _____ mm <u>Periodical Test</u> <input type="checkbox"/> OK <input type="checkbox"/> IA: Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA: Electrical switch opened	
3. Buffer X Solid Type Spring Type <input type="checkbox"/> Oil Plunger Type		Data		Data	
		Buffer Stroke _____ mm Run By _____ 35 _____ mm Oil Plunger compressed; time to return _____ Seconds		Buffer Stroke _____ mm Run By _____ mm Oil Plunger compressed; time to return _____ Seconds	
4. Ascending Overspeed Detection Means		Tested per manual instructions <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Record speed set to activate _____ m/s			
5. Emergency Brake		Stopped and held car <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Commissioning (125%) rated load <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA			
6. Unintended Movement Means		Distance car traveled: Up _____ mm Down _____ mm			
7. Final Limit Device		Top final tested X OK <input type="checkbox"/> IA <input type="checkbox"/> NA Bottom final tested X OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
8. Up and Down Emergency Terminal Stopping Means		Top ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Location: _____ Bottom ETS tested <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Location: _____			
9. Leveling and Re-leveling NA		Verify car and landing sills do not exceed plus or minus ½ inch above or below the landing. OK <input type="checkbox"/> IA <input type="checkbox"/> NA Verify that the car will not re-level when the car is more than 3 inches above or below the landing sill, with the doors open. Yes <input type="checkbox"/> No <input type="checkbox"/> NA			

10. Machine Brake	Commissioning: Lower Stop and Hold 125% <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load: Lower Stop and Hold rated X OK <input type="checkbox"/> IA <input type="checkbox"/> NA Periodical: No weight necessary <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
11. Traction Limits NA	Commissioning: Observe either loss of traction or motor stall. <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Full Load Test <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
12. Door Speed and Forces	Measure door closing torque: not to exceed 30 ft/lbs in the middle of the closing cycle. Value ___ft/lb X OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
13. Door Locks and Gate Switches	Door switch shall not allow car to run when door gap exceeds 2 inches. Measured Value _1/2_ in. X OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
14. Firefighters' Emergency Operation NA	ASME A17.1 Test Phase I recall and Phase II in-car operation <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA EN 81 – 72 Firefighter Lift <input type="checkbox"/> OK <input type="checkbox"/> IA X NA EN 81 – 73 Recall <input type="checkbox"/> OK <input type="checkbox"/> IA X NA		
15. Seismic (earthquake) operation NA	Test Seismic Devices Ring and String <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Building Seismic Detector <input type="checkbox"/> OK <input type="checkbox"/> IA X NA		
16. Marine Security Operation (@Marine Post 1) NA	Test Capture Feature Cars returned non-stop designated landing and parked with doors closed and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Test Night Shut Down Cars returned to the designated landing and parked with the doors open and lamp illuminated. <input type="checkbox"/> OK <input type="checkbox"/> IA X NA		
17. Emergency Communication Device Intercom <input type="checkbox"/> Phone NA	Hands free operation X OK <input type="checkbox"/> IA <input type="checkbox"/> NA Received calls from an outside location <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Visual signals illuminated <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Successful automatic roll over <input type="checkbox"/> OK <input type="checkbox"/> IA X NA		
18. Emergency or Standby Power	Number of elevators that operate at the same time? ___2___ Manual selection switch provided? <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Will the elevators return to designated landing and park with their doors open? <input type="checkbox"/> OK <input type="checkbox"/> IA X NA Does the ATS have a pre-transfer? <input type="checkbox"/> OK <input type="checkbox"/> IA X NA		
19. MRL Rescue Operation	<input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
HYDRAULIC ELEVATOR TEST NA X			
20. Relief Valve Setting	Working Pressure	psi	Relief Pressure psi
21. Hydraulic System Test	Pressure used to conduct Test	psi	Passed Test OK IA

22. Static System Test (minimum 15 minutes)	Starting Point		Distance car moved	in.
23. Normal Terminal Stopping Device	Did the car stop at or near the terminal landing X OK <input type="checkbox"/> IA			
24. Battery Lowering Operation	Did the car run down and open the doors? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
25. Low Oil Pressure Protection Operation	Time to activate	seconds		
26. Flexible Hose and Fittings Pressure Test	Test to be conducted for a minimum of 30 seconds at relief valve setting pressure. Are there any signs of oil leakage during test? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Does the hose have any signs of defects visible? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
27. Pressure Switch	Is the cylinder head installed higher than the reservoir?	<input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA		
	Pass or Fail Test	OK IA <input type="checkbox"/> NA		
28. Plunger Gripper	Is there a plunger gripper installed? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Unit tested? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
29. Over speed / Rupture Valve	Is there an overspeed /rupture valve? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA Unit tested? <input type="checkbox"/> OK <input type="checkbox"/> IA <input type="checkbox"/> NA			
SUMMARY: WHERE THE TEST RESULTS SATISFACTORY? YES X NO				
<ul style="list-style-type: none"> IF ANSWER IS NO, EXPLAIN IN COMMENT SECTION. 				

SECTION 2 - CONTRACT CLAUSES

FAR 52.212-4 CONTRACT TERMS AND CONDITIONS – COMMERCIAL ITEMS (MAY 2014), is incorporated by reference (see SF-1449, Block 27A)

The following FAR clause(s) is/are provided in full text:

52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS—COMMERCIAL ITEMS (OCT 2014)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-50, Combating Trafficking in Persons (Feb 2009) (22 U.S.C. 7104(g)).

___ Alternate I (Aug 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(2) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).

(3) 52.233-4, Applicable Law for Breach of Contract Claim (Oct 2004)"(Public Laws 108-77 and 108-78 (19 U.S.C. 3805 note)).

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

[*Contracting Officer check as appropriate.*]

___ (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (Sept 2006), with Alternate I (Oct 1995) (41 U.S.C. 4704 and 10 U.S.C. 2402).

___ (2) 52.203-13, Contractor Code of Business Ethics and Conduct (Apr 2010) (41 U.S.C. 3509)).

___ (3) 52.203-15, Whistleblower Protections under the American Recovery and Reinvestment Act of 2009 (June 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

X (4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Jul 2013) (Pub. L. 109-282) (31 U.S.C. 6101 note).

___ (5) [Reserved].

___ (6) 52.204-14, Service Contract Reporting Requirements (Jan 2014) (Pub. L. 111-117, section 743 of Div. C).

___ (7) 52.204-15, Service Contract Reporting Requirements for Indefinite-Delivery Contracts (Jan 2014) (Pub. L. 111-117, section 743 of Div. C).

X (8) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment. (Aug 2013) (31 U.S.C. 6101 note).

___ (9) 52.209-9, Updates of Publicly Available Information Regarding Responsibility Matters (Jul 2013) (41 U.S.C. 2313).

___ (10) 52.209-10, Prohibition on Contracting with Inverted Domestic Corporations (May 2012) (section 738 of Division C of Pub. L. 112-74, section 740 of Division C of Pub. L. 111-117, section 743 of Division D of Pub. L. 111-8, and section 745 of Division D of Pub. L. 110-161).

___ (11)(i) 52.219-3, Notice of HUBZone Set-Aside or Sole-Source Award (Nov 2011) (15 U.S.C. 657a).

___ (ii) Alternate I (Nov 2011) of 52.219-3.

___ (12)(i) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business

Concerns (Oct 2014) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

__ (ii) Alternate I (Jan 2011) of 52.219-4.

__ (13) [Reserved]

__ (14)(i) 52.219-6, Notice of Total Small Business Set-Aside (Nov 2011) (15 U.S.C. 644).

__ (ii) Alternate I (Nov 2011).

__ (iii) Alternate II (Nov 2011).

__ (15)(i) 52.219-7, Notice of Partial Small Business Set-Aside (June 2003) (15 U.S.C. 644).

__ (ii) Alternate I (Oct 1995) of 52.219-7.

__ (iii) Alternate II (Mar 2004) of 52.219-7.

__ (16) 52.219-8, Utilization of Small Business Concerns (Oct 2014) (15 U.S.C. 637(d)(2) and (3)).

__ (17)(i) 52.219-9, Small Business Subcontracting Plan (Oct 2014) (15 U.S.C. 637(d)(4)).

__ (ii) Alternate I (Oct 2001) of 52.219-9.

__ (iii) Alternate II (Oct 2001) of 52.219-9.

__ (iv) Alternate III (Oct 2014) of 52.219-9.

__ (18) 52.219-13, Notice of Set-Aside of Orders (Nov 2011)(15 U.S.C. 644(r)).

__ (19) 52.219-14, Limitations on Subcontracting (Nov 2011) (15 U.S.C. 637(a)(14)).

__ (20) 52.219-16, Liquidated Damages—Subcontracting Plan (Jan 1999) (15 U.S.C. 637(d)(4)(F)(i)).

__ (21) 52.219-27, Notice of Service-Disabled Veteran-Owned Small Business Set-Aside (Nov 2011) (15 U.S.C. 657 f).

__ (22) 52.219-28, Post Award Small Business Program Representation (Jul 2013) (15 U.S.C. 632(a)(2)).

__ (23) 52.219-29, Notice of Set-Aside for Economically Disadvantaged Women-Owned Small Business (EDWOSB) Concerns (Jul 2013) (15 U.S.C. 637(m)).

__ (24) 52.219-30, Notice of Set-Aside for Women-Owned Small Business (WOSB) Concerns Eligible Under the WOSB Program (Jul 2013) (15 U.S.C. 637(m)).

__ (25) 52.222-3, Convict Labor (June 2003) (E.O. 11755).

X (26) 52.222-19, Child Labor—Cooperation with Authorities and Remedies (Jan 2014) (E.O. 13126).

__ (27) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).

__ (28) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).

__ (29) 52.222-35, Equal Opportunity for Veterans (Jul 2014)(38 U.S.C. 4212).

__ (30) 52.222-36, Equal Opportunity for Workers with Disabilities (Jul 2014) (29 U.S.C. 793).

__ (31) 52.222-37, Employment Reports on Veterans (Jul 2014) (38 U.S.C. 4212).

__ (32) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496).

__ (33) 52.222-54, Employment Eligibility Verification (Aug 2013). (Executive Order 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)

__ (34)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA–Designated Items (May 2008) (42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

__ (ii) Alternate I (May 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

— (35)(i) 52.223-13, Acquisition of EPEAT®-Registered Imaging Equipment (Jun 2014) (E.O. 13423 and 13514).

— (ii) Alternate I (Jun 2014) of 52.223-13.

— (36)(i) 52.223-14, Acquisition of EPEAT®-Registered Televisions (E.O. 13423 and 13514).

— (ii) Alternate I (Jun 2014) of 52.223-14.

— (37) 52.223-15, Energy Efficiency in Energy-Consuming Products (Dec 2007) (42 U.S.C. 8259b).

— (38)(i) 52.223-16, Acquisition of EPEAT®-Registered Personal Computer Products (Jun 2014) (E.O. 13423 and 13514).

— (ii) Alternate I (Jun 2014) of 52.223-16.

X (39) 52.223-18, Encouraging Contractor Policies to Ban Text Messaging While Driving (Aug 2011) (E.O. 13513).

— (40) 52.225-1, Buy American—Supplies (May 2014) (41 U.S.C. chapter 83).

— (41)(i) 52.225-3, Buy American—Free Trade Agreements—Israeli Trade Act (May 2014) (41 U.S.C. chapter 83, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C. 3805 note, 19 U.S.C. 4001 note, Pub. L. 103-182, 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, 110-138, 112-41, 112-42, and 112-43).

— (ii) Alternate I (May 2014) of 52.225-3.

— (iii) Alternate II (May 2014) of 52.225-3.

— (iv) Alternate III (May 2014) of 52.225-3.

— (42) 52.225-5, Trade Agreements (Nov 2013) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).

X (43) 52.225-13, Restrictions on Certain Foreign Purchases (June 2008) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

— (44) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Jul 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).

— (45) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).

— (46) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).

X (47) 52.232-29, Terms for Financing of Purchases of Commercial Items (Feb 2002) (41 U.S.C. 4505, 10 U.S.C. 2307(f)).

— (48) 52.232-30, Installment Payments for Commercial Items (Oct 1995) (41 U.S.C. 4505, 10 U.S.C. 2307(f)).

— (49) 52.232-33, Payment by Electronic Funds Transfer—System for Award Management (Jul 2013) (31 U.S.C. 3332).

X (50) 52.232-34, Payment by Electronic Funds Transfer—Other than System for Award Management (Jul 2013) (31 U.S.C. 3332).

— (51) 52.232-36, Payment by Third Party (May 2014) (31 U.S.C. 3332).

— (52) 52.239-1, Privacy or Security Safeguards (Aug 1996) (5 U.S.C. 552a).

— (53)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx. 1241(b) and 10 U.S.C. 2631).

— (ii) Alternate I (Apr 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this

contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

[Contracting Officer check as appropriate.]

— (1) 52.222-41, Service Contract Labor Standards (May 2014) (41 U.S.C. chapter 67).

— (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).

— (3) 52.222-43, Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment (Multiple Year and Option Contracts) (May 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).

— (4) 52.222-44, Fair Labor Standards Act and Service Contract Labor Standards—Price Adjustment (May 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).

— (5) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment—Requirements (May 2014) (41 U.S.C. chapter 67).

— (6) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services—Requirements (May 2014) (41 U.S.C. chapter 67).

— (7) 52.222-17, Nondisplacement of Qualified Workers (May 2014) (E.O.13495).

— (8) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (May 2014) (42 U.S.C. 1792).

— (9) 52.237-11, Accepting and Dispensing of \$1 Coin (Sept 2008) (31 U.S.C. 5112(p)(1)).

(d) *Comptroller General Examination of Record*. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records—Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e)(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause—

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (Apr 2010) (41 U.S.C. 3509).

(ii) 52.219-8, Utilization of Small Business Concerns (Oct 2014) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except

subcontracts to small business concerns) exceeds \$650,000 (\$1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iii) 52.222-17, Nondisplacement of Qualified Workers (May 2014) (E.O. 13495). Flow down required in accordance with paragraph (l) of FAR clause 52.222-17.

(iv) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).

(v) 52.222-35, Equal Opportunity for Veterans (Jul 2014) (38 U.S.C. 4212).

(vi) 52.222-36, Equal Opportunity for Workers with Disabilities (Jul 2014) (29 U.S.C. 793).

(vii) 52.222-37, Employment Reports on Veterans (Jul 2014) (38 U.S.C. 4212)

(viii) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496). Flow down required in accordance with paragraph (f) of FAR clause 52.222-40.

(ix) 52.222-41, Service Contract Labor Standards (May 2014) (41 U.S.C. chapter 67).

(x) 52.222-50, Combating Trafficking in Persons (Feb 2009) (22 U.S.C. 7104(g)).

___ Alternate I (Aug 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(xi) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment-Requirements (May 2014) (41 U.S.C. chapter 67).

(xii) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services-Requirements (May 2014) (41 U.S.C. chapter 67).

(xiii) 52.222-54, Employment Eligibility Verification (Aug 2013).

(xiv) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Jul 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).

(xv) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (May 2014) (42 U.S.C. 1792). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xvi) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx. 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of clause)

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at:

<http://www.acquisition.gov/far/> or, <http://farsite.hill.af.mil/vffara.htm>

These addresses are subject to change. You may also use an internet “search engine” (for example, Google, Yahoo, Excite) to obtain the latest location of the most current FAR.

The following Federal Acquisition Regulation clauses are incorporated by reference:

<u>CLAUSE</u>	<u>TITLE AND DATE</u>
52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)
52.204-12	DATA UNIVERSAL NUMBERING SYSTEM NUMBER MAINTENANCE (DEC 2012)
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (JULY 2013)
52.225-14	INCONSISTENCY BETWEEN ENGLISH VERSION AND TRANSLATION OF CONTRACT (FEB 2000)
52.228-4	WORKER’S COMPENSATION AND WAR-HAZARD INSURANCE OVERSEAS (APR 1984)
52.228-5	INSURANCE - WORK ON A GOVERNMENT INSTALLATION (JAN 1997)
52.229-6	FOREIGN FIXED PRICE CONTRACTS (FEB 2013)
52.232-34	PAYMENT BY ELECTRONIC FUNDS TRANSFER – OTHER THAN SYSTEM FOR AWARD MANAGEMENT (JULY 2013)
52.232-39	UNENFORCEABILITY OF UNAUTHORIZED OBLIGATIONS (JUN 2013)
52.232-40	PROVIDING ACCELERATED PAYMENTS TO SMALL BUSINESS SUBCONTRACTORS (DEC 2013)

The following FAR clause(s) is/are provided in full text:

52.217-8 OPTION TO EXTEND SERVICES (NOV 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer

may exercise the option by written notice to the Contractor within the performance period of the contract.

52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within the performance period of the contract or within 30 days after funds for the option year become available, whichever is later.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 36 months period,

52.232-19 AVAILABILITY OF FUNDS FOR THE NEXT FISCAL YEAR (APR 1984)

Funds are not presently available for performance under this contract beyond [*Note to Contracting Officer: Insert date such as "September 30th"*]. The Government's obligation for performance of this contract beyond that date is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise for performance under this contract beyond _____ [*Note to Contracting Officer: Insert date*], until funds are made available to the Contracting Officer for performance and until the Contractor receives notice of availability, to be confirmed in writing by the Contracting Officer.

The following DOSAR clause(s) is/are provided in full text:

652.204-70 DEPARTMENT OF STATE PERSONAL IDENTIFICATION CARD ISSUANCE (MAY 2011)

(a) The Contractor shall comply with the Department of State (DOS) Personal Identification Card Issuance Procedures for all employees performing under this contract who require frequent and continuing access to DOS facilities, or information systems. The Contractor shall insert this clause in all subcontracts when the subcontractor's employees will require frequent and continuing access to DOS facilities, or information systems.

(b) The DOS Personal Identification Card Issuance Procedures may be accessed at <http://www.state.gov/m/ds/rls/rpt/c21664.htm> .

(End of clause)

CONTRACTOR IDENTIFICATION (JULY 2008)

Contract performance may require contractor personnel to attend meetings with government personnel and the public, work within government offices, and/or utilize government email.

Contractor personnel must take the following actions to identify themselves as non-federal employees:

- 1) Use an email signature block that shows name, the office being supported and company affiliation (e.g. "John Smith, Office of Human Resources, ACME Corporation Support Contractor");
- 2) Clearly identify themselves and their contractor affiliation in meetings;
- 3) Identify their contractor affiliation in Departmental e-mail and phone listings whenever contractor personnel are included in those listings; and
- 4) Contractor personnel may not utilize Department of State logos or indicia on business cards.

(End of clause)

652.232-70 PAYMENT SCHEDULE AND INVOICE SUBMISSION (FIXED-PRICE)
(AUG 1999)

- (a) General. The Government shall pay the Contractor as full compensation for all work required, performed, and accepted under this contract the firm fixed-price stated in this contract.
- b) Invoice Submission. The Contractor shall submit invoices in an original and one copy to the office identified in Block 18b of the SF-1449. To constitute a proper invoice, the invoice shall include all the items required by FAR 32.905(e).
- (c) Contractor Remittance Address. The Government will make payment to the Contractor's address stated on the cover page of this contract, unless a separate remittance address is shown below:

US Embassy San Salvador
Attention: FMO
Complejo Embajada Americana, Santa Elena, Antiguo Cuscatlan, San Salvador.

652.237-71 IDENTIFICATION/BUILDING PASS (APR 2004)

652.237-72 OBSERVANCE OF LEGAL HOLIDAYS AND ADMINISTRATIVE LEAVE
(APR 2004)

- (a) The Department of State observes the following days* as holidays:

New Year's Day; Martin Luther King's Birthday; Washington's Birthday; Memorial Day; Independence Day; Labor Day; Columbus Day; Veterans Day; Thanksgiving Day; Christmas Day.

*Any other day designated by Federal law, Executive Order, or Presidential Proclamation.

(b) When any such day falls on a Saturday or Sunday, the following Monday is observed. Observance of such days by Government personnel shall not be cause for additional period of performance or entitlement to compensation except as set forth in the contract. If the Contractor's personnel work on a holiday, no form of holiday or other premium compensation will be reimbursed either as a direct or indirect cost, unless authorized pursuant to an overtime clause elsewhere in this contract.

652.242-70 CONTRACTING OFFICER'S REPRESENTATIVE (COR) (AUG 1999)

(a) The Contracting Officer may designate in writing one or more Government employees, by name or position title, to take action for the Contracting Officer under this contract. Each designee shall be identified as a Contracting Officer's Representative (COR). Such designation(s) shall specify the scope and limitations of the authority so delegated; provided, that the designee shall not change the terms or conditions of the contract, unless the COR is a warranted Contracting Officer and this authority is delegated in the designation.

(b) The COR for this contract is Julio Rodriguez.

652.225-71 SECTION 8(A) OF THE EXPORT ADMINISTRATION ACT OF 1979, as amended (AUG 1999)

(a) Section 8(a) of the U.S. Export Administration Act of 1979, as amended (50 U.S.C. 2407(a)), prohibits compliance by U.S. persons with any boycott fostered by a foreign country against a country which is friendly to the United States and which is not itself the object of any form of boycott pursuant to United States law or regulation. The Boycott of Israel by Arab League countries is such a boycott, and therefore, the following actions, if taken with intent to comply with, further, or support the Arab League Boycott of Israel, are prohibited activities under the Export Administration Act:

(1) Refusing, or requiring any U.S. person to refuse to do business with or in Israel, with any Israeli business concern, or with any national or resident of Israel, or with any other person, pursuant to an agreement of, or a request from or on behalf of a boycotting country;

(2) Refusing, or requiring any U.S. person to refuse to employ or otherwise discriminating against any person on the basis of race, religion, sex, or national origin of that person or of any owner, officer, director, or employee of such person;

(3) Furnishing information with respect to the race, religion, or national origin of any U.S. person or of any owner, officer, director, or employee of such U.S. person;

(4) Furnishing information about whether any person has, has had, or proposes to have any business relationship (including a relationship by way of sale, purchase, legal or commercial representation, shipping or other transport, insurance, investment, or supply) with or in the State of Israel, with any business concern organized under the laws of the State of Israel, with any Israeli national or resident, or with any person which is known or believed to be restricted from having any business relationship with or in Israel;

(5) Furnishing information about whether any person is a member of, has made contributions to, or is otherwise associated with or involved in the activities of any charitable or fraternal organization which supports the State of Israel; and,

(6) Paying, honoring, confirming, or otherwise implementing a letter of credit which contains any condition or requirement against doing business with the State of Israel.

(b) Under Section 8(a), the following types of activities are not forbidden "compliance with the boycott," and are therefore exempted from Section 8(a)'s prohibitions listed in paragraphs (a)(1)-(6) above:

(1) Complying or agreeing to comply with requirements:

(i) Prohibiting the import of goods or services from Israel or goods produced or services provided by any business concern organized under the laws of Israel or by nationals or residents of Israel; or,

(ii) Prohibiting the shipment of goods to Israel on a carrier of Israel, or by a route other than that prescribed by the boycotting country or the recipient of the shipment;

(2) Complying or agreeing to comply with import and shipping document requirements with respect to the country of origin, the name of the carrier and route of shipment, the name of the supplier of the shipment or the name of the provider of other services, except that no information knowingly furnished or conveyed in response to such requirements may be stated in negative, blacklisting, or similar exclusionary terms, other than with respect to carriers or route of shipments as may be permitted by such regulations in order to comply with precautionary requirements protecting against war risks and confiscation;

(3) Complying or agreeing to comply in the normal course of business with the unilateral and specific selection by a boycotting country, or national or resident thereof, of carriers, insurance, suppliers of services to be performed within the boycotting country or specific goods which, in the normal course of business, are identifiable by source when imported into the boycotting country;

(4) Complying or agreeing to comply with the export requirements of the boycotting country relating to shipments or transshipments of exports to Israel, to any business concern of or organized under the laws of Israel, or to any national or resident of Israel;

(5) Compliance by an individual or agreement by an individual to comply with the immigration or passport requirements of any country with respect to such individual or any member of such individual's family or with requests for information regarding requirements of employment of such individual within the boycotting country; and,

(6) Compliance by a U.S. person resident in a foreign country or agreement by such person to comply with the laws of that country with respect to his or her activities exclusively therein, and such regulations may contain exceptions for such resident complying with the laws or regulations of that foreign country governing imports into such country of trademarked, trade named, or similarly specifically identifiable products, or components of products for his or her own use, including the performance of contractual services within that country, as may be defined by such regulations.

652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

(a) The Contractor warrants the following:

(1) That it has obtained authorization to operate and do business in the country or countries in which this contract will be performed;

(2) That it has obtained all necessary licenses and permits required to perform this contract; and,

(3) That it shall comply fully with all laws, decrees, labor standards, and regulations of said country or countries during the performance of this contract.

(b) If the party actually performing the work will be a subcontractor or joint venture partner, then such subcontractor or joint venture partner agrees to the requirements of paragraph (a) of this clause.

652.229-70 EXCISE TAX EXEMPTION STATEMENT FOR CONTRACTORS WITHIN THE UNITED STATES (JUL 1988)

This is to certify that the item(s) covered by this contract is/are for export solely for the use of the U.S. Foreign Service Post identified in the contract schedule.

The Contractor shall use a photocopy of this contract as evidence of intent to export. Final proof of exportation may be obtained from the agent handling the shipment. Such proof shall be accepted in lieu of payment of excise tax.

SECTION 3 – SOLICITATION PROVISIONS

FAR 52.212-1 INSTRUCTIONS TO OFFERORS -- COMMERCIAL ITEMS (APR 2014), is incorporated by reference (see SF-1449, Block 27A)

ADDENDUM TO 52.212-1

A. Summary of instructions: Each offer must consist of the following:

1. A completed solicitation, in which the SF-1449 cover page (blocks 12, 17, 19-24, and 30 as appropriate), and Section 1 has been filled out.
2. Information demonstrating the offeror's ability to perform, including:
 - (a) Name of a Project Manager (or other liaison to the Embassy San Salvador) who understands written and spoken English;
 - (b) Evidence that the offeror operates an established business with a permanent address and telephone listing;
 - (c) Evidence that the offeror's company and personnel is properly certified to perform the work
3. List of clients over the past 3 years, demonstrating prior experience with relevant past performance information and references (provide dates of contracts, places of performance, value of contracts, contact names, telephone and fax numbers and email addresses). If the offeror has not performed comparable services in El Salvador then the offeror shall provide its international experience. Offerors are advised that the past performance information requested above may be discussed with the client's contact person. In addition, the client's contact person may be asked to comment on the offeror's:
 - Quality of services provided under the contract;
 - Compliance with contract terms and conditions;
 - Effectiveness of management;
 - Willingness to cooperate with and assist the customer in routine matters, and when confronted by unexpected difficulties; and
 - Business integrity / business conduct.

The Government will use past performance information primarily to assess an offeror's capability to meet the solicitation performance requirements, including the relevance and successful performance of the offeror's work experience. The Government may also use this data to evaluate the credibility of the offeror's proposal. In addition, the Contracting Officer may use past performance information in making a determination of responsibility.

4. Evidence that the offeror/quoter can provide the necessary personnel, equipment, and financial resources needed to perform the work;
5. The offeror shall address its plan to obtain all licenses and permits required by local law (see DOSAR 652.242-73 in Section 2). If offeror already possesses the locally required licenses and permits, a copy shall be provided.
6. The offeror's strategic plan for Routine Elevator services to include but not limited to:
 - (a) A work plan taking into account all work elements in Section 1, Performance Work Statement.
 - (b) Identify types and quantities of equipment, supplies and materials required for performance of services under this contract. Identify if the offeror already possesses the listed items and their condition for suitability and if not already possessed or inadequate for use how and when the items will be obtained;
 - (c) Plan of ensuring quality of services including but not limited to contract administration and oversight; and
 - (d) (1) If insurance is required by the solicitation, a copy of the Certificate of Insurance(s), **or** (2) a statement that the Contractor will get the required insurance, and the name of the insurance provider to be used.
 - (e) List of spare parts and suppliers of spare parts for elevators and proposals shall include a description of the firm's ability to obtain replacement parts and ability to perform specialized tests/diagnostic/programming equipment for servicing elevators.

ADDENDUM TO SOLICITATION PROVISIONS
FAR AND DOSAR PROVISIONS NOT PRESCRIBED IN PART 12

52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at: <http://www.acquisition.gov/far/> or <http://farsite.hill.af.mil/vffara.htm>

These addresses are subject to change. If the FAR is not available at the locations indicated above, use of an Internet “search engine” (for example, Google, Yahoo, Excite) is suggested to obtain the latest location of the most current FAR provisions.

The following Federal Acquisition Regulation solicitation provisions are incorporated by reference:

<u>PROVISION</u>	<u>TITLE AND DATE</u>
52.204-7	SYSTEM FOR AWARD MANAGEMENT (JUL 2013)
52.204-16	COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING (NOV 2014)
52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE (APR 1991)
52.225-25	PROHIBITION ON CONTRACTING WITH ENTITIES ENGAGING IN CERTAIN ACTIVITIES OR TRANSACTIONS RELATING TO IRAN— REPRESENTATION AND CERTIFICATIONS (DEC 2012)
52.237-1	SITE VISIT (APR 1984)

The site visit will be held on Wednesday, March 25, 2015 at 10:00 am (local time) at US Embassy San Salvador. Prospective offerors/quoters should contact Kryssia de Blandon at (503) 2501-2830 and/or blandonki@state.gov for additional information or to arrange entry to the building.

The following DOSAR provision(s) is/are provided in full text:

652.206-70 COMPETITION ADVOCATE/OMBUDSMAN (AUG 1999) (DEVIATION)

The Department of State’s Competition Advocate is responsible for assisting industry in removing restrictive requirements from Department of State solicitations and removing barriers to full and open competition and use of commercial items. If such a solicitation is considered competitively restrictive or does not appear properly conducive to competition

and commercial practices, potential offerors are encouraged to first contact the contracting office for the respective solicitation. If concerns remain unresolved, contact the Department of State Competition Advocate on (703) 516-1696, by fax at (703) 875-6155, or write to:

Competition Advocate
U.S. Department of State
A/OPE
SA-15, Room 1060
Washington, DC 20522-1510

- (a) The Department of State's Acquisition Ombudsman has been appointed to hear concerns from potential offerors and contractors during the pre-award and post-award phases of this acquisition. The role of the ombudsman is not to diminish the authority of the Contracting Officer, the Technical Evaluation Panel or Source Evaluation Board, or the selection official. The purpose of the ombudsman is to facilitate the communication of concerns, issues, disagreements, and recommendations of interested parties to the appropriate Government personnel, and work to resolve them. When requested and appropriate, the ombudsman will maintain strict confidentiality as to the source of the concern. The ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Interested parties are invited to contact the contracting activity ombudsman, Scott Bowers, (503) 2501-2801. For a U.S. Embassy or overseas post, refer to the numbers below for the Department Acquisition Ombudsman. Concerns, issues, disagreements, and recommendations which cannot be resolved at a contracting activity level may be referred to the Department of State Acquisition Ombudsman at (703) 516-1696, by fax at (703) 875-6155, or write to:

Acquisition Ombudsman
U.S. Department of State
A/OPE
SA-15, Room 1060
Washington, DC 20522-1510

SECTION 4 - EVALUATION FACTORS

Award will be made to the lowest priced, acceptable, responsible quoter. The quoter shall submit a completed solicitation, including Sections 1 and 5.

The Government will perform an initial review of proposals/quotations received to determine compliance with the terms of the solicitation. The Government may reject as unacceptable proposals/quotations which do not conform to the solicitation.

Technical Acceptability. Technical acceptability will include a review of past performance and experience as defined in Section 3, along with any technical information provided by the offeror with its proposal/quotation.

Evidence that the offeror's company and personnel is properly certified to perform the work

The Government reserves the right to reject proposals that are unreasonably low or high in price.

The lowest price will be determined by multiplying the offered prices times the estimated quantities and arriving at a grand total, including all options, if any.

The Government will determine quoter acceptability will be determined by assessing the quoter's compliance with the terms of the RFQ.

The Government will determine quoter responsibility by analyzing whether the apparent successful quoter complies with the requirements of FAR 9.1, including:

- Adequate financial resources or the ability to obtain them;
- Ability to comply with the required performance period, taking into consideration all existing commercial and governmental business commitments;
- Satisfactory record of integrity and business ethics;
- Necessary organization, experience, and skills or the ability to obtain them;
- Necessary equipment and facilities or the ability to obtain them; and
- Be otherwise qualified and eligible to receive an award under applicable laws and regulations.

ADDENDUM TO EVALUATION FACTORS

FAR AND DOSAR PROVISION(S) NOT PRESCRIBED IN PART 12

The following FAR provision(s) is/are provided in full text:

52.217-5 EVALUATION OF OPTIONS (JUL 1990)

The Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. Evaluation of options will not obligate the Government to exercise the option(s).

SECTION 5 - REPRESENTATIONS AND CERTIFICATIONS

52.212-3 OFFEROR REPRESENTATIONS AND CERTIFICATIONS—COMMERCIAL ITEMS (NOV 2014)

The Offeror shall complete only paragraph (b) of this provision if the Offeror has completed the annual representations and certification electronically via the System for Award Management (SAM) website accessed through <http://www.acquisition.gov>. If the Offeror has not completed the annual representations and certifications electronically, the Offeror shall complete only paragraphs (c) through (p) of this provision.

(a) *Definitions.* As used in this provision—

“Economically disadvantaged women-owned small business (EDWOSB) concern” means a small business concern that is at least 51 percent directly and unconditionally owned by, and the management and daily business operations of which are controlled by, one or more women who are citizens of the United States and who are economically disadvantaged in accordance with 13 CFR part 127. It automatically qualifies as a women-owned small business eligible under the WOSB Program.

“Forced or indentured child labor” means all work or service—

- (1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or
- (2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

“Highest-level owner” means the entity that owns or controls an immediate owner of the offeror, or that owns or controls one or more entities that control an immediate owner of the offeror. No entity owns or exercises control of the highest level owner.

“Immediate owner” means an entity, other than the offeror, that has direct control of the offeror. Indicators of control include, but are not limited to, one or more of the following: ownership or interlocking management, identity of interests among family members, shared facilities and equipment, and the common use of employees.

“Inverted domestic corporation”, as used in this section, means a foreign incorporated entity which is treated as an inverted domestic corporation under 6 U.S.C. 395(b), *i.e.*, a corporation that used to be incorporated in the United States, or used to be a partnership in the United States, but now is incorporated in a foreign country, or is a subsidiary whose parent corporation is incorporated in a foreign country, that meets the criteria specified in 6 U.S.C. 395(b), applied in accordance with the rules and definitions of 6 U.S.C. 395(c). An inverted domestic corporation as herein defined does not meet the definition of an inverted domestic corporation as defined by the Internal Revenue Code at 26 U.S.C. 7874.

“Manufactured end product” means any end product in Federal Supply Classes (FSC) 1000-9999, except—

- (1) FSC 5510, Lumber and Related Basic Wood Materials;
- (2) Federal Supply Group (FSG) 87, Agricultural Supplies;
- (3) FSG 88, Live Animals;
- (4) FSG 89, Food and Related Consumables;
- (5) FSC 9410, Crude Grades of Plant Materials;
- (6) FSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) FSC 9440, Miscellaneous Crude Agricultural and Forestry Products;

- (8) FSC 9610, Ores;
- (9) FSC 9620, Minerals, Natural and Synthetic; and
- (10) FSC 9630, Additive Metal Materials.

“Place of manufacture” means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

“Restricted business operations” means business operations in Sudan that include power production activities, mineral extraction activities, oil-related activities, or the production of military equipment, as those terms are defined in the Sudan Accountability and Divestment Act of 2007 (Pub. L. 110-174). Restricted business operations do not include business operations that the person (as that term is defined in Section 2 of the Sudan Accountability and Divestment Act of 2007) conducting the business can demonstrate—

- (1) Are conducted under contract directly and exclusively with the regional government of southern Sudan;
- (2) Are conducted pursuant to specific authorization from the Office of Foreign Assets Control in the Department of the Treasury, or are expressly exempted under Federal law from the requirement to be conducted under such authorization;
- (3) Consist of providing goods or services to marginalized populations of Sudan;
- (4) Consist of providing goods or services to an internationally recognized peacekeeping force or humanitarian organization;
- (5) Consist of providing goods or services that are used only to promote health or education; or
- (6) Have been voluntarily suspended.

“Sensitive technology”—

(1) Means hardware, software, telecommunications equipment, or any other technology that is to be used specifically—

- (i) To restrict the free flow of unbiased information in Iran; or
 - (ii) To disrupt, monitor, or otherwise restrict speech of the people of Iran; and
- (2) Does not include information or informational materials the export of which the President does not have the authority to regulate or prohibit pursuant to section 203(b)(3) of the International Emergency Economic Powers Act ([50 U.S.C. 1702\(b\)\(3\)](#)).

“Service-disabled veteran-owned small business concern”—

(1) Means a small business concern—

- (i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and
- (ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in [38 U.S.C. 101\(2\)](#), with a disability that is service-connected, as defined in [38 U.S.C. 101\(16\)](#).

“Small business concern” means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and size standards in this solicitation.

“Small disadvantaged business concern”, consistent with 13 CFR 124.1002, means a small

business concern under the size standard applicable to the acquisition, that—

(1) Is at least 51 percent unconditionally and directly owned (as defined at 13 CFR 124.105) by—

(i) One or more socially disadvantaged (as defined at 13 CFR 124.103) and economically disadvantaged (as defined at 13 CFR 124.104) individuals who are citizens of the United States; and

(ii) Each individual claiming economic disadvantage has a net worth not exceeding \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(2) The management and daily business operations of which are controlled (as defined at 13.CFR 124.106) by individuals, who meet the criteria in paragraphs (1)(i) and (ii) of this definition.

“Subsidiary” means an entity in which more than 50 percent of the entity is owned—

(1) Directly by a parent corporation; or

(2) Through another subsidiary of a parent corporation.

“Veteran-owned small business concern” means a small business concern—

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at [38 U.S.C. 101\(2\)](#)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

“Women-owned business concern” means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

“Women-owned small business concern” means a small business concern—

(1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

“Women-owned small business (WOSB) concern eligible under the WOSB Program” (in accordance with 13 CFR part 127), means a small business concern that is at least 51 percent directly and unconditionally owned by, and the management and daily business operations of which are controlled by, one or more women who are citizens of the United States.

(b)

(1) *Annual Representations and Certifications.* Any changes provided by the offeror in paragraph (b)(2) of this provision do not automatically change the representations and certifications posted on the SAM website.

(2) The offeror has completed the annual representations and certifications electronically via the SAM website accessed through <http://www.acquisition.gov>. After reviewing the SAM database information, the offeror verifies by submission of this offer that the representations and certifications currently posted electronically at FAR 52.212-3, Offeror Representations and Certifications—Commercial Items, have been entered or updated in the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR [4.1201](#)), except for paragraphs

[Offeror to identify the applicable paragraphs at (c) through (p) of this provision that the offeror has completed for the purposes of this solicitation only, if any.]

These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted electronically on SAM.]

(c) Offerors must complete the following representations when the resulting contract will be performed in the United States or its outlying areas. Check all that apply.

(1) *Small business concern.* The offeror represents as part of its offer that it o is, o is not a small business concern.

(2) *Veteran-owned small business concern.* [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents as part of its offer that it o is, o is not a veteran-owned small business concern.

(3) *Service-disabled veteran-owned small business concern.* [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(2) of this provision.] The offeror represents as part of its offer that it o is, o is not a service-disabled veteran-owned small business concern.

(4) *Small disadvantaged business concern.* [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents, that it o is, o is not a small disadvantaged business concern as defined in 13 CFR 124.1002.

(5) *Women-owned small business concern.* [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it o is, o is not a women-owned small business concern.

(6) *WOSB concern eligible under the WOSB Program.* [Complete only if the offeror represented itself as a women-owned small business concern in paragraph (c)(5) of this provision.] The offeror represents that—

(i) It o is, o is not a WOSB concern eligible under the WOSB Program, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It o is, o is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(6)(i) of this provision is accurate for each WOSB concern eligible under the WOSB Program participating in the joint venture. [The offeror shall enter the name or names of the WOSB concern eligible under the WOSB Program and other small businesses that are participating in the joint venture: _____.] Each WOSB concern eligible under the WOSB Program participating in the joint venture shall submit a separate signed copy of the WOSB representation.

(7) *Economically disadvantaged women-owned small business (EDWOSB) concern.* [Complete only if the offeror represented itself as a WOSB concern eligible under the WOSB Program in (c)(6) of this provision.] The offeror represents that—

(i) It o is, o is not an EDWOSB concern, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It o is, o is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(7)(i) of this provision is accurate for each EDWOSB concern participating in the joint venture. [The offeror shall enter the name or names of the EDWOSB concern and other small businesses that are participating in the joint venture: _____.] Each EDWOSB concern participating in the joint venture shall submit a separate signed copy of the EDWOSB representation.

Note: Complete paragraphs (c)(8) and (c)(9) only if this solicitation is expected to exceed the simplified acquisition threshold.

(8) *Women-owned business concern (other than small business concern).* [Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it o is a women-owned business concern.

(9) *Tie bid priority for labor surplus area concerns.* If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price:_____

(10) *HUBZone small business concern.* [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents, as part of its offer, that—

(i) It o is, o is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material changes in ownership and control, principal office, or HUBZone employee percentage have occurred since it was certified in accordance with 13 CFR Part 126; and

(ii) It o is, o is not a HUBZone joint venture that complies with the requirements of 13 CFR Part 126, and the representation in paragraph (c)(10)(i) of this provision is accurate for each HUBZone small business concern participating in the HUBZone joint venture. [The offeror shall enter the names of each of the HUBZone small business concerns participating in the HUBZone joint venture: _____.] Each HUBZone small business concern participating in the HUBZone joint venture shall submit a separate signed copy of the HUBZone representation.

(d) Representations required to implement provisions of Executive Order 11246—

(1) Previous contracts and compliance. The offeror represents that—

(i) It o has, o has not participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation; and

(ii) It o has, o has not filed all required compliance reports.

(2) *Affirmative Action Compliance.* The offeror represents that—

(i) It o has developed and has on file, o has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 cfr parts 60-1 and 60-2), or

(ii) It o has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(e) *Certification Regarding Payments to Influence Federal Transactions (31 U.S.C. 1352).* (Applies only if the contract is expected to exceed \$150,000.) By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress on his or her behalf in connection with the award of any resultant contract. If any registrants under the Lobbying Disclosure Act of 1995 have made a lobbying contact on behalf of the offeror with respect to this contract, the offeror shall complete and submit, with its offer, OMB Standard Form LLL, Disclosure of Lobbying Activities, to provide the name of the registrants. The offeror need not report regularly employed officers or employees of the offeror to whom payments of reasonable compensation were made.

(f) *Buy American Certificate*. (Applies only if the clause at Federal Acquisition Regulation (FAR) 52.225-1, Buy American—Supplies, is included in this solicitation.)

(1) The offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products, *i.e.*, an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of “domestic end product.” The terms “commercially available off-the-shelf (COTS) item” “component,” “domestic end product,” “end product,” “foreign end product,” and “United States” are defined in the clause of this solicitation entitled “Buy American—Supplies.”

(2) Foreign End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____
_____	_____
_____	_____

[List as necessary]

(3) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(g)(1) *Buy American—Free Trade Agreements—Israeli Trade Act Certificate*. (Applies only if the clause at FAR 52.225-3, Buy American—Free Trade Agreements—Israeli Trade Act, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms “Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end product,” “commercially available off-the-shelf (COTS) item,” “component,” “domestic end product,” “end product,” “foreign end product,” “Free Trade Agreement country,” “Free Trade Agreement country end product,” “Israeli end product,” and “United States” are defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act.”

(ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end products) or Israeli end products as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act”:

Free Trade Agreement Country End Products (Other than Bahrainian, Moroccan, Omani, Panamanian, or Peruvian End Products) or Israeli End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____

[List as necessary]

(iii) The offeror shall list those supplies that are foreign end products (other than those listed in paragraph (g)(1)(ii) of this provision) as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act.” The offeror shall list as other foreign end products those end products manufactured in the United States that do not qualify as domestic end products, *i.e.*, an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of “domestic end product.”

Other Foreign End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____
_____	_____
_____	_____

[List as necessary]

(iv) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(2) *Buy American—Free Trade Agreements—Israeli Trade Act Certificate, Alternate I.* If Alternate I to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act”:

Canadian End Products:

Line Item No.

[List as necessary]

(3) *Buy American—Free Trade Agreements—Israeli Trade Act Certificate, Alternate II.* If Alternate II to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products or Israeli end products as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act”:

Canadian or Israeli End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____
_____	_____
_____	_____

[List as necessary]

(4) *Buy American—Free Trade Agreements—Israeli Trade Act Certificate, Alternate III.* If Alternate III to the clause at 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(i) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian, Korean, Moroccan, Omani, Panamanian, or Peruvian end products) or Israeli end products as defined in the clause of this solicitation entitled “Buy American-Free Trade Agreements-Israeli Trade Act”:

Free Trade Agreement Country End Products (Other than Bahrainian, Korean, Moroccan, Omani, Panamanian, or Peruvian End Products) or Israeli End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____
_____	_____
_____	_____

[List as necessary]

(5) *Trade Agreements Certificate.* (Applies only if the clause at FAR 52.225-5, Trade Agreements, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(5)(ii) of this provision, is a U.S.-made or designated country end product, as defined in the clause of this solicitation entitled “Trade Agreements.”

(ii) The offeror shall list as other end products those end products that are not U.S.-made or designated country end products.

Other End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____
_____	_____
_____	_____

[List as necessary]

(iii) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25. For line items covered by the WTO GPA, the Government will evaluate offers of U.S.-made or designated country end products without regard to the restrictions of the Buy

American statute. The Government will consider for award only offers of U.S.-made or designated country end products unless the Contracting Officer determines that there are no offers for such products or that the offers for such products are insufficient to fulfill the requirements of the solicitation.

(h) *Certification Regarding Responsibility Matters (Executive Order 12689)*. (Applies only if the contract value is expected to exceed the simplified acquisition threshold.) The offeror certifies, to the best of its knowledge and belief, that the offeror and/or any of its principals—

(1) o Are, o are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(2) o Have, o have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property;

(3) o Are, o are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses enumerated in paragraph (h)(2) of this clause; and

(4) o Have, o have not, within a three-year period preceding this offer, been notified of any delinquent Federal taxes in an amount that exceeds \$3,000 for which the liability remains unsatisfied.

(i) Taxes are considered delinquent if both of the following criteria apply:

(A) *The tax liability is finally determined*. The liability is finally determined if it has been assessed. A liability is not finally determined if there is a pending administrative or judicial challenge. In the case of a judicial challenge to the liability, the liability is not finally determined until all judicial appeal rights have been exhausted.

(B) *The taxpayer is delinquent in making payment*. A taxpayer is delinquent if the taxpayer has failed to pay the tax liability when full payment was due and required. A taxpayer is not delinquent in cases where enforced collection action is precluded.

(ii) *Examples*.

(A) The taxpayer has received a statutory notice of deficiency, under I.R.C. §6212, which entitles the taxpayer to seek Tax Court review of a proposed tax deficiency. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek Tax Court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(B) The IRS has filed a notice of Federal tax lien with respect to an assessed tax liability, and the taxpayer has been issued a notice under I.R.C. §6320 entitling the taxpayer to request a hearing with the IRS Office of Appeals contesting the lien filing, and to further appeal to the Tax Court if the IRS determines to sustain the lien filing. In the course of the hearing, the taxpayer is entitled to contest the underlying tax liability because the taxpayer has had no prior opportunity to contest the liability. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek tax court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(C) The taxpayer has entered into an installment agreement pursuant to I.R.C. §6159. The taxpayer is making timely payments and is in full compliance with the agreement terms. The taxpayer is not delinquent because the taxpayer is not currently required to make full payment.

(D) The taxpayer has filed for bankruptcy protection. The taxpayer is not delinquent because enforced collection action is stayed under 11 U.S.C. §362 (the Bankruptcy Code).

(i) Certification Regarding Knowledge of Child Labor for *Listed End Products* (*Executive Order 13126*). [*The Contracting Officer must list in paragraph (i)(1) any end products being acquired under this solicitation that are included in the List of Products Requiring Contractor Certification as to Forced or Indentured Child Labor, unless excluded at 22.1503(b).*]

(1) *Listed end products.*

Listed End Product	Listed Countries of Origin
_____	_____
_____	_____
_____	_____
_____	_____

(2) *Certification.* [*If the Contracting Officer has identified end products and countries of origin in paragraph (i)(1) of this provision, then the offeror must certify to either (i)(2)(i) or (i)(2)(ii) by checking the appropriate block.*]

[] (i) The offeror will not supply any end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product.

[] (ii) The offeror may supply an end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that it has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture any such end product furnished under this contract. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.

(j) *Place of manufacture.* (Does not apply unless the solicitation is predominantly for the acquisition of manufactured end products.) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly—

(1) o In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or

(2) o Outside the United States.

(k) *Certificates regarding exemptions from the application of the Service Contract Labor Standards* (Certification by the offeror as to its compliance with respect to the contract also constitutes its certification as to compliance by its subcontractor if it subcontracts out the exempt services.) [*The contracting officer is to check a box to indicate if paragraph (k)(1) or (k)(2) applies.*]

[] (1) Maintenance, calibration, or repair of certain equipment as described in FAR 22.1003-4(c)(1). The offeror o does o does not certify that—

(i) The items of equipment to be serviced under this contract are used regularly for other than Governmental purposes and are sold or traded by the offeror (or subcontractor in the case of an exempt subcontract) in substantial quantities to the general public in the course of normal business operations;

(ii) The services will be furnished at prices which are, or are based on, established catalog or market prices (see FAR [22.1003-4\(c\)\(2\)\(ii\)](#)) for the maintenance, calibration, or repair of such equipment; and

(iii) The compensation (wage and fringe benefits) plan for all service employees performing work under the contract will be the same as that used for these employees and equivalent employees servicing the same equipment of commercial customers.

[] (2) Certain services as described in FAR [22.1003-4\(d\)\(1\)](#). The offeror o does o does not certify that—

(i) The services under the contract are offered and sold regularly to non-Governmental customers, and are provided by the offeror (or subcontractor in the case of an exempt subcontract) to the general public in substantial quantities in the course of normal business operations;

(ii) The contract services will be furnished at prices that are, or are based on, established catalog or market prices (see FAR [22.1003-4\(d\)\(2\)\(iii\)](#));

(iii) Each service employee who will perform the services under the contract will spend only a small portion of his or her time (a monthly average of less than 20 percent of the available hours on an annualized basis, or less than 20 percent of available hours during the contract period if the contract period is less than a month) servicing the Government contract; and

(iv) The compensation (wage and fringe benefits) plan for all service employees performing work under the contract is the same as that used for these employees and equivalent employees servicing commercial customers.

(3) If paragraph (k)(1) or (k)(2) of this clause applies—

(i) If the offeror does not certify to the conditions in paragraph (k)(1) or (k)(2) and the Contracting Officer did not attach a Service Contract Labor Standards wage determination to the solicitation, the offeror shall notify the Contracting Officer as soon as possible; and

(ii) The Contracting Officer may not make an award to the offeror if the offeror fails to execute the certification in paragraph (k)(1) or (k)(2) of this clause or to contact the Contracting Officer as required in paragraph (k)(3)(i) of this clause.

(1) *Taxpayer Identification Number (TIN)* ([26 U.S.C. 6109](#), [31 U.S.C. 7701](#)). (Not applicable if the offeror is required to provide this information to the SAM database to be eligible for award.)

(1) All offerors must submit the information required in paragraphs (l)(3) through (l)(5) of this provision to comply with debt collection requirements of [31 U.S.C. 7701\(c\)](#) and [3325\(d\)](#), reporting requirements of [26 U.S.C. 6041](#), [6041A](#), and [6050M](#), and implementing regulations issued by the Internal Revenue Service (IRS).

(2) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government ([31 U.S.C. 7701\(c\)\(3\)](#)). If the resulting contract is subject to the payment reporting requirements described in FAR [4.904](#), the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(3) *Taxpayer Identification Number (TIN)*.

o TIN: _____.

o TIN has been applied for.

o TIN is not required because:

o Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United

States;

- o Offeror is an agency or instrumentality of a foreign government;
- o Offeror is an agency or instrumentality of the Federal Government.

(4) *Type of organization.*

- o Sole proprietorship;
- o Partnership;
- o Corporate entity (not tax-exempt);
- o Corporate entity (tax-exempt);
- o Government entity (Federal, State, or local);
- o Foreign government;
- o International organization per 26 CFR 1.6049-4;
- o Other _____.

(5) *Common parent.*

- o Offeror is not owned or controlled by a common parent;
- o Name and TIN of common parent:

Name _____.

TIN _____.

(m) *Restricted business operations in Sudan.* By submission of its offer, the offeror certifies that the offeror does not conduct any restricted business operations in Sudan.

(n) *Prohibition on Contracting with Inverted Domestic Corporations.*

(1) *Relation to Internal Revenue Code.* An inverted domestic corporation as herein defined does not meet the definition of an inverted domestic corporation as defined by the Internal Revenue Code 25 U.S.C. 7874.

(2) *Representation.* By submission of its offer, the offeror represents that—

- (i) It is not an inverted domestic corporation; and
- (ii) It is not a subsidiary of an inverted domestic corporation.

(o) *Prohibition on contracting with entities engaging in certain activities or transactions relating to Iran.*

(1) The offeror shall e-mail questions concerning sensitive technology to the Department of State at CISADA106@state.gov.

(2) *Representation and Certifications.* Unless a waiver is granted or an exception applies as provided in paragraph (o)(3) of this provision, by submission of its offer, the offeror—

(i) Represents, to the best of its knowledge and belief, that the offeror does not export any sensitive technology to the government of Iran or any entities or individuals owned or controlled by, or acting on behalf or at the direction of, the government of Iran;

(ii) Certifies that the offeror, or any person owned or controlled by the offeror, does not engage in any activities for which sanctions may be imposed under section 5 of the Iran Sanctions Act; and

(iii) Certifies that the offeror, and any person owned or controlled by the offeror, does not knowingly engage in any transaction that exceeds \$3,000 with Iran's Revolutionary Guard Corps or any of its officials, agents, or affiliates, the property and interests in property of which are blocked pursuant to the International Emergency Economic Powers Act (50 U.S.C. 1701 et seq.) (see OFAC's Specially Designated Nationals and Blocked Persons List at <http://www.treasury.gov/ofac/downloads/t11sdn.pdf>).

(3) The representation and certification requirements of paragraph (o)(2) of this provision do not apply if—

(i) This solicitation includes a trade agreements certification (*e.g.*, 52.212-3(g)) or a comparable agency provision); and

(ii) The offeror has certified that all the offered products to be supplied are designated country end products.

(p) *Ownership or Control of Offeror.* (Applies in all solicitations when there is a requirement to be registered in SAM or a requirement to have a DUNS Number in the solicitation.

(1) The Offeror represents that it o has or o does not have an immediate owner. If the Offeror has more than one immediate owner (such as a joint venture), then the Offeror shall respond to paragraph (2) and if applicable, paragraph (3) of this provision for each participant in the joint venture.

(2) If the Offeror indicates “has” in paragraph (p)(1) of this provision, enter the following information:

Immediate owner CAGE code: _____.

Immediate owner legal name: _____.

(Do not use a “doing business as” name)

Is the immediate owner owned or controlled by another entity: o Yes or o No.

(3) If the Offeror indicates “yes” in paragraph (p)(2) of this provision, indicating that the immediate owner is owned or controlled by another entity, then enter the following information:

Highest-level owner CAGE code: _____.

Highest-level owner legal name: _____.

(Do not use a “doing business as” name)

(End of provision)

**ADDENDUM TO OFFEROR REPRESENTATIONS AND CERTIFICATIONS FAR AND
DOSAR PROVISION(S) NOT PRESCRIBED IN PART 12**

652.225-70 ARAB LEAGUE BOYCOTT OF ISRAEL (AUG 1999)

(a) Definitions. As used in this provision:

Foreign person means any person other than a United States person as defined below.

United States person means any United States resident or national (other than an individual resident outside the United States and employed by other than a United States person), any domestic concern (including any permanent domestic establishment of any foreign concern), and any foreign subsidiary or affiliate (including any permanent foreign establishment) of any domestic concern which is controlled in fact by such domestic concern, as provided under the Export Administration Act of 1979, as amended.

(b) Certification. By submitting this offer, the offeror certifies that it is not:

- (1) Taking or knowingly agreeing to take any action, with respect to the boycott of Israel by Arab League countries, which Section 8(a) of the Export Administration Act of 1979, as amended (50 U.S.C. 2407(a)) prohibits a United States person from taking; or,
- (2) Discriminating in the award of subcontracts on the basis of religion.

652.228-70 DEFENSE BASE ACT – COVERED CONTRACTOR EMPLOYEES (JUN 2006)

(a) Bidders/offerors shall indicate below whether or not any of the following categories of employees will be employed on the resultant contract, and, if so, the number of such employees:

Category	Yes/No	Number	
(1) United States citizens or residents			
(2) Individuals hired in the United States, regardless of citizenship			
(3) Local nationals or third country nationals where contract performance takes place in a country where there are no local workers' compensation laws		local nationals:	
		third-country nationals:	
(4) Local nationals or third country nationals where contract performance takes place in a country where there are local workers' compensation laws		local nationals:	
		third-country nationals:	

(b) The Contracting officer has determined that for performance in the country of El Salvador

- Workers' compensation laws exist that will cover local nationals and third country nationals.

- Workers' compensation laws do not exist that will cover local nationals and third country nationals.

(c) If the bidder/offeror has indicated "yes" in block (a)(4) of this provision, the bidder/offeror shall not purchase Defense Base Act insurance for those employees. However, the bidder/offeror shall assume liability toward the employees and their beneficiaries for war-hazard injury, death, capture, or detention, in accordance with the clause at FAR 52.228-4.

(End of provision)

The following DOSAR is provided in full text:

652.209-79 REPRESENTATION BY CORPORATION REGARDING AN UNPAID DELINQUENT TAX LIABILITY OR A FELONY CRIMINAL CONVICTION UNDER ANY FEDERAL LAW (SEPT 2014) (DEVIATION per PIB 2014-21)

(a) In accordance with section 7073 of Division K of the Consolidated Appropriations Act, 2014 (Public Law 113-76) none of the funds made available by that Act may be used to enter into a contract with any corporation that –

(1) Was convicted of a felony criminal violation under any Federal law within the preceding 24 months, where the awarding agency has direct knowledge of the conviction, unless the agency has considered, in accordance with its procedures, that this further action is not necessary to protect the interests of the Government; or

(2) Has any unpaid Federal tax liability that has been assessed for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, where the awarding agency has direct knowledge of the unpaid tax liability, unless the Federal agency has considered, in accordance with its procedures, that this further action is not necessary to protect the interests of the Government.

For the purposes of section 7073, it is the Department of State's policy that no award may be made to any corporation covered by (1) or (2) above, unless the Procurement Executive has made a written determination that suspension or debarment is not necessary to protect the interests of the Government.

(b) Offeror represents that—

(1) It is is not a corporation that was convicted of a felony criminal violation under a Federal law within the preceding 24 months.

(2) It is is not a corporation that has any unpaid Federal tax liability that has been assessed for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

(End of provision)