Work Order ID: 750732 BOF ID:

# NATIONAL ELEVATOR INSPECTION SERVICES INC.

*A Bureau Veritas Company*
11973 Westline Industrial Drive, St. Louis, MO 63146
800-886-6347

## LOUISIANA HYDRAULIC ELEVATOR INSPECTION REPORT

| | | | |
|---|---|---|---|
| Site-Bldg #: | | LA Bldg # (000000-000): | |
| Site/Group Name: | | Bldg Total Units: | Inspection Date: 01/06/2020 |
| Bldg Name: | NICHOLLS STATE UNIVERSITY- Elkins Hall | Current AHJ Code: | ASME A17.1 2016 |
| Address: | 906 E 1st Street BLDG# 329003-1 | ASME Code Installed: | ASME A17.1 1984 |
| City: | Thibodeaux | Date of Installation: | 1984 |
| State: | LA Zip Code: 70310 | Modernization ASME Code: | |
| Contact Name-Sched: | Clement, Chris | Date of Modernization: | |
| Contact Phone-Sched: | 985-448-4773 | Contact Email-Sched: | chris.clement@nicholls.edu |
| Contact Name-Report: | | Contact Email-Report: | |
| Maint. Company: | EMR | Maint. Co. Contact Info: | |
| Inspector Name: | Willie Smith | Type of Inspection: | CAT 1 Inspection and Test Witnessing |
| Inspector Cert #: | C-1167 Repeat Violations: | Total Inspector HRS Witnessing Test: | 1.5 |
| Insp Signature: | Willie Smith | Date of Last Annual/3yr: | 01/2020 |
| | | Date of Last Full Load: | |
| Bldg's Unit #: | 836337 | Unit ID#: | H0597 |
| Unit Type: | Elevator | Manufacturer: | ESCO |
| | | Cylinder Type: | Inground |
| Freight Class: | | Rated Load: | 2000 Lbs |
| | | Speed: | 100 FPM |

OK = meets requirements; NG = insert number to identify comments below; NA = not applicable; RV = Repeat Violation See A17.2-2014 for item details

| 1 | INSIDE OF CAR | OK | NG | NA | RV |
|---|---|---|---|---|---|
| 1.1 | Door reopening device | √ | | | |
| 1.2 | Stop switches | √ | | | |
| 1.3 | Operating control devices | √ | | | |
| 1.4 | Sills and car floor | √ | | | |
| 1.5 | Car lighting and receptacles | √ | | | |
| 1.6 | Car emergency signal | | √ | | |
| 1.7 | Car door or gate | √ | | | |
| 1.8 | Door closing force | √ | | | |
| 1.9 | Power closing of doors or gates | √ | | | |
| 1.10 | Power opening of doors or gates | √ | | | |
| 1.11 | Car vision panels and glass car doors | | | √ | |
| 1.12 | Car enclosure | √ | | | |
| 1.13 | Emergency exit | √ | | | |
| 1.14 | Ventilation | √ | | | |
| 1.15 | Signs and operating device symbols | √ | | | |
| 1.16 | Rated load, platform area, and data plate | √ | | | |
| 1.17 | Standby power operation | | | √ | |
| 1.18 | Restricted opening of car or hoistway doors | | √ | | |
| 1.19 | Car ride | √ | | | |
| **2** | **MACHINE ROOM** | | | | |
| 2.1 | Access to machine space | √ | | | |
| 2.2 | Headroom | √ | | | |
| 2.3 | Lighting and receptacles | √ | | | |
| 2.4 | Machine space | √ | | | |
| 2.5 | Housekeeping | √ | | | |
| 2.6 | Ventilation | √ | | | |
| 2.7 | Fire extinguisher | √ | | | |
| 2.8 | Pipes, wiring, and ducts | | √ | | |
| 2.9 | Guarding of exposed auxiliary equipment | √ | | | |
| 2.10 | # of elevators, machines, and disconnect switches | √ | | | |
| 2.11 | Disconnecting means and control | √ | | | |
| 2.12 | Controller wiring, fuses, grounding, etc | √ | | | |
| 2.13 | Governor, overspeed switch, and seal | √ | | | |
| 2.14 | Code data plate | √ | | | |
| 2.30 | Hydraulic power unit | √ | | | |
| 2.31 | Relief valves | √ | | | |
| 2.32 | Control valve | √ | | | |
| 2.33 | Tanks | √ | | | |
| 2.34 | Flexible hydraulic hose and fitting assemblies | | | √ | |
| 2.35 | Supply line and shut off valve | √ | | | |

| 2 | MACHINE ROOM (Cont'd) | OK | NG | NA | RV |
|---|---|---|---|---|---|
| 2.36 | Hydraulic cylinders | | | √ | |
| 2.37 | Pressures switch | √ | | | |
| 2.38 | Roped water hydraulic elevators | | | √ | |
| 2.39 | Low oil protection | √ | | | |
| 2.40 | Inspection control | √ | | | |
| 2.41 | MCP and Maintenance Records | √ | | | |
| 2.42 | Static Control | √ | | | |
| **3** | **TOP OF CAR** | | | | |
| 3.1 | Top-of-car stop switch | √ | | | |
| 3.2 | Car top light and outlet | √ | | | |
| 3.3 | Top-of-car operating device | √ | | | |
| 3.4 | Top-of-car clearance, refuge space, and standard railing | √ | | | |
| 3.5 | Normal terminal stopping devices | √ | | | |
| 3.6 | Final and emergency terminal stopping devices | √ | | | |
| 3.7 | Car Leveling and anticreep devices | √ | | | |
| 3.8 | Top emergency exit | √ | | | |
| 3.9 | Floor and emergency identification numbering | √ | | | |
| 3.10 | Hoistway construction | √ | | | |
| 3.11 | Hoistway smoke control | √ | | | |
| 3.11 | Hoistway smoke control | √ | | | |
| 3.13 | Windows, projections, recesses, and setbacks | | | √ | |
| 3.14 | Hoistway clearances | √ | | | |
| 3.15 | Multiple hoistways | | | √ | |
| 3.16 | Traveling cables and junction boxes | √ | | | |
| 3.17 | Door and gate equipment | √ | | | |
| 3.18 | Car frame and stiles | √ | | | |
| 3.19 | Guide rails fastening and equipment | √ | | | |
| 3.20 | Governor rope | | | √ | |
| 3.21 | Governor releasing carrier | | | √ | |
| 3.22 | Wire rope fastening and hitch plate | | | √ | |
| 3.23 | Suspension rope | | | √ | |
| 3.27 | Crosshead data plate & rope data tags | | √ | | |
| 3.28 | Counterweight & counterweight buffer | | | √ | |
| 3.29 | Counterweight safeties | | | √ | |
| 3.30 | Speed test | | | √ | |
| 3.31 | Slack rope device-roped-hydraulic elevators installed under A17.1b-1989 and later editions | | | √ | |
| 3.32 | Traveling sheave-roped-hydraulic elevators installed under A17.1b-1989 and later editions | | | √ | |

**Unit ID#:** H0597 **Inspection Date:** 01/06/2020

| 4 | OUTSIDE HOISTWAY | OK | NG | NA | RV |
|---|---|---|---|---|---|
| 4.1 | Car platform guard | √ | | | |
| 4.2 | Hoistway doors | √ | | | |
| 4.3 | Vision panels | | | √ | |
| 4.4 | Hoistway door locking devices | √ | | | |
| 4.5 | Access to hoistway | √ | | | |
| 4.6 | Power closing of hoistway doors | | | √ | |
| 4.7 | Sequence operation | √ | | | |
| 4.8 | Hoistway enclosure | √ | | | |
| 4.9 | Elevator Parking devices | | | √ | |
| 4.10 | Emergency doors in blind hoistways | | | √ | |
| 4.12 | Standby power selection switch | | | √ | |
| 4.13 | Emergency identification numbering | √ | | | |

Static working pressure 180psi. Relief 520psi

| 5 | PIT | OK | NG | NA | RV |
|---|---|---|---|---|---|
| 5.1 | Pit access, lighting, stop switch, and condition | √ | | | |
| 5.2 | Bottom clearance, runby, and minimum refuge space | √ | | | |
| 5.4 | Normal terminal stopping devices | √ | | | |
| 5.5 | Traveling cables | √ | | | |
| 5.6 | Governor-rope tension devices | | | √ | |
| 5.7 | Car Frame and platform | √ | | | |
| 5.8 | Car safeties and guiding members — including roped- hydraulic elevators installed under A17.1b–1989 and later editions | | | √ | |
| 5.11 | Plunger and Cylinder | √ | | | |
| 5.12 | Car buffer | √ | | | |
| 5.13 | Guide Members (rails, rollers and slides) | √ | | | |
| 5.14 | Supply Piping | √ | | | |
| 5.15 | Overspeed Valve | | | √ | |
| **6** | **FIREFIGHTERS' SERVICE** | | | | |
| 6.1 | A17.1b–1973 through A17.1b–1980 | | | √ | |
| 6.2 | A17.1–1981 through A17.1b–1983 | | | √ | |
| 6.3 | A17.1–1984 through A17.1a–1988 and A17.30 | | | √ | |
| 6.4 | A17.1b–1989 through A17.1d–2000 | √ | | | |

**Inspector Comments:**

| Item | Code | Description |
|---|---|---|
| 1.6 | A17.1-2.14.7.1.3 | Repair emergency lights none present |
| 1.18 | A17.1 - 2.12.5 | install car door restricting device |
| | | |
| 2.8 | A17.1-8.6.11.4.2 | Provide wiring diagrams for unit |
| 3.27 | A17.1 - 2.16.3.3 | Replace missing capacity plate on crosshead |
| | | |
| | | static working pressure 200psi relief 525psi |
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