STATE FIRE MARSHAL'S OFFICE

INSPECTION REPORT

BLDG PANHANDLE PLAINS HISTORICAL MUSEUM, 2501 4TH AVE, CANYON TX 79016



DETAILS

Inspection Date: 01/14/2025 | Inspection Type: University-Initial Inspection | Inspection Number: 13850 | Shift: N/A | Station: N/A | Unit: N/A | Lead Inspector: Matt Warren | Other Inspectors: N/A

VIOLATIONS AND COMPLIANCES

Showing only violations and images for this inspection. Please reach out to the lead inspector for more details. Resolved Violations: 0 | Passed Codes: 5 | Violations: 149 | N/A Codes: 4

STATUS	CODE	DESCRIPTION
FAIL	10.1.7 - Listed and Labeled.	Listed and labeled equipment, devices, and materials shall be installed and used in accordance with the listing limitations and the manufacturers' instructions. Location: 2nd Floor Administrative Office Area Rm 208 Original Comment: Multiple appliances plugged into a power strip near the north door into Rm 208
FAIL	10.1.7 - Listed and Labeled.	Listed and labeled equipment, devices, and materials shall be installed and used in accordance with the listing limitations and the manufacturers' instructions. Location: Room B0001D Original Comment: Multiple appliances plugged into a power strip.
FAIL	10.19.1 - General.	Storage of combustible materials shall be orderly. Location: Carpenter Shop-Throughout

STATUS CODE DESCRIPTION







FAIL

10.19.1 - General.

Storage of combustible materials shall be orderly.

Location: Throughout Room W010A

Original Comment: An excessive amount of combustible storage is located throughout the space.

FAIL

10.19.1 - General.

Storage of combustible materials shall be orderly.

Location: Room P1

Original Comment: Excessive combustible storage located throughout.





FAIL

10.19.1 - General.

Storage of combustible materials shall be orderly.

Location: Room P2

Original Comment: Excessive combustible storage located throughout.





FAIL 10.19.1 - General.

Storage of combustible materials shall be orderly.

Location: Room C110-Conservation Wing 1st Floor

Original Comment: Excessive combustible storage located in this area.

FAIL

10.19.1 - General.

Storage of combustible materials shall be orderly.

Location: Room C108-Conservation Wing 1st Floor

Original Comment: Excessive combustible storage is located in this room.

FAIL

10.19.1 - General.

Storage of combustible materials shall be orderly.

Location: The Stacks Levels 1, 2 and 3

Original Comment: The area known as "The Stacks" has excessive combustible storage located throughout all levels. Storage consists of textiles, clothing, wood furniture, books, paperwork, cardboard boxes.

STATUS CODE DESCRIPTION









FAIL 10.19.1 - General.

Storage of combustible materials shall be orderly.

Location: 3rd Floor East and West Library Storage Areas

Original Comment: There is an excessive amount of combustible storage located in these areas. These areas are not sprinklered.

FAIL

10.19.1 - General.

Storage of combustible materials shall be orderly.

Location: Room C8 in the Basement

Original Comment: Excessive combustible items stored in room.

FAIL

10.19.1 - General.

Storage of combustible materials shall be orderly.

Location: Room C7 in the Basement

Original Comment: Numerous boxes and textiles stored in the room.

STATUS	CODE	DESCRIPTION
FAIL	10.19.3.1 - Ceiling Clearance.	Storage shall be maintained 2 ft (0.61 m) or more from the ceiling in nonsprinklered areas of buildings. Location: The Stacks Levels 1, 2 and 3 Original Comment: The area known as "The Stacks" has multiple storage shelves and items of combustible storage that exceed the 2 feet clearance to the ceiling. The area lacks sprinkler protection.
FAIL	10.19.4 - Means of Egress.	Combustible material shall not be stored in exits. Location: 3rd Floor West Library exit door Original Comment: Items stored around the exit door in the West end library
FAIL	10.19.4 - Means of Egress.	Combustible material shall not be stored in exits. Location: C2 Basement stairway landing. Original Comment: Items stored at the landing of CS1 stairway in the Basement

FAIL	10.19.4 - Means of Egress.	Combustible material shall not be stored in exits.
		Location: CH corridor in Basement

Original Comment: Items stored in the corridor



STATUS

FAIL 10.19.4 - Means of Egress.

Combustible material shall not be stored in exits.

Location: Corridor in Room C2 in the Basement

Original Comment: Numerous items stored in the egress pathway.



FAIL 10.19.5.1 - Equipment Rooms.

Combustible material shall not be stored in boiler rooms, mechanical rooms, or electrical equipment rooms.

Location: Room BS

Original Comment: Items stored in Electrical Room.

STATUS CODE

FAIL

10.8.1 - Where Required.

Emergency action plans shall be provided for high-rise, health care, ambulatory health care, residential board and care, assembly, day-care centers, special amusement buildings, hotels and dormitories, detention and correctional occupancies, educational, underground and windowless structures, facilities storing or handling materials covered by Chapter 60, or where required by the AHJ.

Location: Building wide

DESCRIPTION

Original Comment: No evacuation diagrams were noted to be present in the building.

FAIL

11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.

Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation.

Location: Room A201M Mechanical Space off 2nd Floor Break Area

Original Comment: Exposed wiring is located in numerous locations throughout the room.





FAIL

11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.

Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation.

Location: A201M-Mechanical Room off the 2nd Floor Break Area.

Original Comment: Numerous cover plates missing on electrical equipment and junction boxes.

STATUS	CODE	DESCRIPTION
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: Electrical panel in Room P209 Original Comment: Two breakers are tied with copper wire.
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: Storage Room 206 Original Comment: Light fixture hanging by the wiring on the ceiling.
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: Room 207-Electrical Panel Original Comment: The electrical panel in Rm 207 has three double breakers tied with copper wire.
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: IT Closet Room 207 Original Comment: Multiple areas of exposed wiring located above the damaged ceiling in the IT Closet.

STATUS	CODE	DESCRIPTION
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: The Stacks Levels 1, 2 and 3 Original Comment: Multiple areas throughout the ceiling on all levels with exposed wiring in old junction boxes.
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: Electrical Room A101A near the south exit 1st Floor Original Comment: Items stored in front of the panels
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: Electrical Room A101B near the south main exit 1st Floor Original Comment: Items stored in front of electrical panels.
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: Room P103 Original Comment: Open blank in electrical panel 1LA

STATUS	CODE	DESCRIPTION
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: Room P103 Original Comment: GFCI outlets required near the sink
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: Room BS Original Comment: Electrical room has storage around panels.
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: Conservation West Stairway Original Comment: The water fountain near the stairway door lacks GFCI protection
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: Suite 103 Original Comment: The panel in Suite 103 located near the door to the Automobile Display has breakers tied with copper wire.

STATUS	CODE	DESCRIPTION
FAIL	11.1.2.2 - Permanent Wiring, Fixtures, and Equipment.	Unless determined to present an imminent danger, existing electrical wiring, fixtures, appliances, and equipment shall be permitted to be maintained in accordance with the edition of NFPA 70 in effect at the time of the installation. Location: Room W009A Original Comment: Panel CP1B-open blank covered with tape. Blank spaces in electrical panels shall be covered with listed covers.
FAIL	11.1.4.2 - Relocatable Power Taps.	The relocatable power taps shall be directly connected to a permanently installed receptacle. Location: Basement A15 behind displays Original Comment: Multiple power strips plugged into extension cords.
FAIL	11.1.4.2 - Relocatable Power Taps.	The relocatable power taps shall be directly connected to a permanently installed receptacle. Location: Conference Room 205 Original Comment: Daisy chained power strips located on the floor in the Conference Room.
FAIL	11.1.4.2 - Relocatable Power Taps.	The relocatable power taps shall be directly connected to a permanently installed receptacle. Location: Behind the Everyday Petroleum Exhibit-P202 Original Comment: Power strip plugged into a multiplug adapter

STATUS	CODE	DESCRIPTION
FAIL	11.1.5.1 - Extension Cords.	Extension cords shall be plugged directly into an approved receptacle, power tap, or multiplug adapter and shall, except for approved multiplug extension cords, serve only one portable appliance. Location: A203B Textile Storage Original Comment: Extension cord plugged into a power strip
FAIL	11.1.5.1 - Extension Cords.	Extension cords shall be plugged directly into an approved receptacle, power tap, or multiplug adapter and shall, except for approved multiplug extension cords, serve only one portable appliance. Location: Basement A15-Behind displays Original Comment: Multiple extension cords plugged into power strips.
FAIL	11.1.5.1 - Extension Cords.	Extension cords shall be plugged directly into an approved receptacle, power tap, or multiplug adapter and shall, except for approved multiplug extension cords, serve only one portable appliance. Location: Room P3 north side wall Original Comment: An extension cord is plugged into a power strip
FAIL	11.1.5.5 - Extension Cords.	Extension cords and flexible cords shall not be affixed to structures; extend through walls, ceilings, or floors, or under doors or floor coverings; or be subject to environmental or physical damage. Location: Room P3 north wall Original Comment: The extension cord is running through a ceiling tile to an unknown location.

STATUS	CODE	DESCRIPTION
FAIL	11.1.5.5 - Extension Cords.	Extension cords and flexible cords shall not be affixed to structures; extend through walls, ceilings, or floors, or under doors or floor coverings; or be subject to environmental or physical damage. Location: Room P103 Employee Break Area Original Comment: There is an extension cord running through the wall in Room P103 to under stairway PS2.
FAIL	11.1.5.5 - Extension Cords.	Extension cords and flexible cords shall not be affixed to structures; extend through walls, ceilings, or floors, or under doors or floor coverings; or be subject to environmental or physical damage. Location: A203B Textile Storage Original Comment: The extension cord is running through the wall.
FAIL	11.1.5.5 - Extension Cords.	Extension cords and flexible cords shall not be affixed to structures; extend through walls, ceilings, or floors, or under doors or floor coverings; or be subject to environmental or physical damage. Location: Adjacent to Elevator 5 on the 1st Floor Original Comment: Extension cord running thorough the wall.
FAIL	11.1.8 - Covers.	All panelboard and switchboards, pull boxes, junction boxes, switches, receptacles, and conduit bodies shall be provided with covers compatible with the box or conduit body construction and suitable for the conditions of use. Location: Room C108 Original Comment: A light switch cover is missing near the east door.

STATUS	CODE	DESCRIPTION
FAIL	11.1.8 - Covers.	All panelboard and switchboards, pull boxes, junction boxes, switches, receptacles, and conduit bodies shall be provided with covers compatible with the box or conduit body construction and suitable for the conditions of use. Location: Telecom Room A8 Original Comment: North wall-junction box cover missing.
FAIL	11.1.8 - Covers.	All panelboard and switchboards, pull boxes, junction boxes, switches, receptacles, and conduit bodies shall be provided with covers compatible with

the box or conduit body construction and suitable for the conditions of use.

Location: Room B0005

Original Comment: Large open junction box on the north wall

FAIL

12.4.2.7 - Removal of Door or
Window.

Where a fire door or fire window opening no longer functions as an opening, or the door or window is removed and not replaced, the opening shall be filled to maintain the required rating of the wall assembly. [80:5.1.6]

Location: Basement North exit door near freight elevator

Original Comment: The door is in place, but it appears a smaller door and frame were placed. There is a hole above the door frame.



STATUS

12.4.2.8.3.5.2 - Swinging Doors with Builders Hardware or Fire Door Hardware. As a minimum, the following items shall be verified: (1)Labels are clearly visible and legible. (2)No open holes or breaks exist in surfaces of either the door or frame. (3)Glazing, vision light frames, and glazing beads are intact and securely fastened in place, if so equipped. (4)The door, frame, hinges, hardware, and noncombustible threshold are secured, aligned, and in working order with no visible signs of damage. (5)No parts are missing or broken. (6)Door clearances do not exceed clearances listed in 4.8.4 and 6.3.1.7 of NFPA 80. (7)The self-closing device is operational; that is, the active door completely closes when operated from the full open position. (8)If a coordinator is installed, the inactive leaf closes before the active leaf. (9)Latching hardware operates and secures the door when it is in the closed position. (10)Auxiliary hardware items that interfere or prohibit operation are not installed on the door or frame. (11)No field modifications to the door assembly have been performed that void the label. (12)Meeting edge protection, gasketing and edge seals, where required, are inspected to verify their presence and integrity. (13) Signage affixed to a door meets the requirements listed in 4.1.4 of NFPA 80.[80:5.2.3.5.2]

Location: Fire doors from C2 to P1 in the Basement

Original Comment: The doors are held open with a bucket and wooden item



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Location: Fire doors from C2 to P1 in the Basement

Original Comment: Doors have painted labels.

FAIL

12.4.2.8.3.5.2 - Swinging Doors with Builders Hardware or Fire Door Hardware.

As a minimum, the following items shall be verified: (1)Labels are clearly visible and legible. (2)No open holes or breaks exist in surfaces of either the door or frame. (3)Glazing, vision light frames, and glazing beads are intact and securely fastened in place, if so equipped. (4)The door, frame, hinges, hardware, and noncombustible threshold are secured, aligned, and in working order with no visible signs of damage. (5)No parts are missing or broken. (6)Door clearances do not exceed clearances listed in 4.8.4 and 6.3.1.7 of NFPA 80. (7)The self-closing device is operational; that is, the active door completely closes when operated from the full open position. (8)If a coordinator is installed, the inactive leaf closes before the active leaf. (9)Latching hardware operates and secures the door when it is in the closed position. (10)Auxiliary hardware items that interfere or prohibit operation are not installed on the door or frame. (11)No field modifications to the door assembly have been performed that void the label. (12)Meeting edge protection, gasketing and edge seals, where required, are inspected to verify their presence and integrity. (13) Signage affixed to a door meets the requirements listed in 4.1.4 of NFPA 80.[80:5.2.3.5.2]

Location: Door to Room P13

Original Comment: The room has a fire rated door in place with a damaged closer.

CODE

DESCRIPTION

FAIL

12.4.2.8.3.5.2 - Swinging Doors with Builders Hardware or Fire Door Hardware.

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Location: Fire doors at W101A

Original Comment: The labels on the fire doors have been painted over.

FAIL

12.4.2.8.3.5.2 - Swinging Doors with Builders Hardware or Fire Door Hardware. As a minimum, the following items shall be verified: (1)Labels are clearly visible and legible. (2)No open holes or breaks exist in surfaces of either the door or frame. (3)Glazing, vision light frames, and glazing beads are intact and securely fastened in place, if so equipped. (4)The door, frame, hinges, hardware, and noncombustible threshold are secured, aligned, and in working order with no visible signs of damage. (5)No parts are missing or broken. (6)Door clearances do not exceed clearances listed in 4.8.4 and 6.3.1.7 of NFPA 80. (7)The self-closing device is operational; that is, the active door completely closes when operated from the full open position. (8)If a coordinator is installed, the inactive leaf closes before the active leaf. (9)Latching hardware operates and secures the door when it is in the closed position. (10)Auxiliary hardware items that interfere or prohibit operation are not installed on the door or frame. (11)No field modifications to the door assembly have been performed that void the label. (12)Meeting edge protection, gasketing and edge seals, where required, are inspected to verify their presence and integrity. (13) Signage affixed to a door meets the requirements listed in 4.1.4 of NFPA 80.[80:5.2.3.5.2]

Location: Fire doors leading into Corridor near P3

Original Comment: The fire rated door is held open with a woden wedge device.

CODE

DESCRIPTION

FAIL

12.4.2.8.3.5.2 - Swinging Doors with Builders Hardware or Fire Door Hardware.

As a minimum, the following items shall be verified: (1)Labels are clearly visible and legible. (2)No open holes or breaks exist in surfaces of either the door or frame. (3)Glazing, vision light frames, and glazing beads are intact and securely fastened in place, if so equipped. (4)The door, frame, hinges, hardware, and noncombustible threshold are secured, aligned, and in working order with no visible signs of damage. (5)No parts are missing or broken. (6)Door clearances do not exceed clearances listed in 4.8.4 and 6.3.1.7 of NFPA 80. (7)The self-closing device is operational; that is, the active door completely closes when operated from the full open position. (8)If a coordinator is installed, the inactive leaf closes before the active leaf. (9)Latching hardware operates and secures the door when it is in the closed position. (10)Auxiliary hardware items that interfere or prohibit operation are not installed on the door or frame. (11)No field modifications to the door assembly have been performed that void the label. (12)Meeting edge protection, gasketing and edge seals, where required, are inspected to verify their presence and integrity. (13) Signage affixed to a door meets the requirements listed in 4.1.4 of NFPA 80.[80:5.2.3.5.2]

Location: Basement Wide

Original Comment: All fire rated doors in the Archaeological Office/Lab Area have flip down door stops. Most of the doors were held open during the time of inspection.

FAIL

12.4.2.8.3.5.2 - Swinging Doors with Builders Hardware or Fire Door Hardware. As a minimum, the following items shall be verified: (1)Labels are clearly visible and legible. (2)No open holes or breaks exist in surfaces of either the door or frame. (3) Glazing, vision light frames, and glazing beads are intact and securely fastened in place, if so equipped. (4)The door, frame, hinges, hardware, and noncombustible threshold are secured, aligned, and in working order with no visible signs of damage. (5)No parts are missing or broken. (6)Door clearances do not exceed clearances listed in 4.8.4 and 6.3.1.7 of NFPA 80. (7)The self-closing device is operational; that is, the active door completely closes when operated from the full open position. (8)If a coordinator is installed, the inactive leaf closes before the active leaf. (9)Latching hardware operates and secures the door when it is in the closed position. (10)Auxiliary hardware items that interfere or prohibit operation are not installed on the door or frame. (11)No field modifications to the door assembly have been performed that void the label. (12)Meeting edge protection, gasketing and edge seals, where required, are inspected to verify their presence and integrity. (13)Signage affixed to a door meets the requirements listed in 4.1.4 of NFPA 80.[80:5.2.3.5.2]

Location: Conservation Wing 1st Floor Corridor

Original Comment: The doors located in the 1st Floor Conservation Wing corridor lack fire door labels. Holes are located on the door where the labels appear to have been.

12.4.2.8.3.5.2 - Swinging Doors with Builders Hardware or Fire Door Hardware.

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Location: Basement Special Exhibit Area

Original Comment: The fire doors will not positively close and latch

FAIL

12.4.2.8.3.5.2 - Swinging Doors with Builders Hardware or Fire Door Hardware.

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Location: Basement Archaeology Area-W002, 003,

Original Comment: All rated doors in this area of the Basement have flip down stops installed.

CODE

DESCRIPTION

FAIL

12.4.2.8.3.5.2 - Swinging Doors with Builders Hardware or Fire Door Hardware.

As a minimum, the following items shall be verified: (1)Labels are clearly visible and legible. (2)No open holes or breaks exist in surfaces of either the door or frame. (3)Glazing, vision light frames, and glazing beads are intact and securely fastened in place, if so equipped. (4)The door, frame, hinges, hardware, and noncombustible threshold are secured, aligned, and in working order with no visible signs of damage. (5)No parts are missing or broken. (6)Door clearances do not exceed clearances listed in 4.8.4 and 6.3.1.7 of NFPA 80. (7)The self-closing device is operational; that is, the active door completely closes when operated from the full open position. (8)If a coordinator is installed, the inactive leaf closes before the active leaf. (9)Latching hardware operates and secures the door when it is in the closed position. (10) Auxiliary hardware items that interfere or prohibit operation are not installed on the door or frame. (11)No field modifications to the door assembly have been performed that void the label. (12)Meeting edge protection, gasketing and edge seals, where required, are inspected to verify their presence and integrity. (13) Signage affixed to a door meets the requirements listed in 4.1.4 of NFPA 80.[80:5.2.3.5.2]

Location: Fire door at Conservation West Stair

Original Comment: The fire door labels are painted over.

FAIL

12.4.2.8.3.5.2 - Swinging Doors with Builders Hardware or Fire Door Hardware. As a minimum, the following items shall be verified: (1)Labels are clearly visible and legible. (2)No open holes or breaks exist in surfaces of either the door or frame. (3)Glazing, vision light frames, and glazing beads are intact and securely fastened in place, if so equipped. (4)The door, frame, hinges, hardware, and noncombustible threshold are secured, aligned, and in working order with no visible signs of damage. (5)No parts are missing or broken. (6)Door clearances do not exceed clearances listed in 4.8.4 and 6.3.1.7 of NFPA 80. (7)The self-closing device is operational; that is, the active door completely closes when operated from the full open position. (8)If a coordinator is installed, the inactive leaf closes before the active leaf. (9)Latching hardware operates and secures the door when it is in the closed position. (10)Auxiliary hardware items that interfere or prohibit operation are not installed on the door or frame. (11)No field modifications to the door assembly have been performed that void the label. (12)Meeting edge protection, gasketing and edge seals, where required, are inspected to verify their presence and integrity. (13) Signage affixed to a door meets the requirements listed in 4.1.4 of NFPA 80.[80:5.2.3.5.2]

Location: 1st Floor doors to Don D Harrington Petroleum Wing

Original Comment: The fire doors do not close and latch.

STATUS	CODE	DESCRIPTION
FAIL	12.4.2.8.4.2 - Periodic Inspection and Testing.	As a minimum, the provisions of 12.4.2.8.3 shall be included in the periodic inspection and testing procedure. [80:5.2.4.2] Location: A roll up door with fusible links is located at the 2nd Floor freight elevator. The door lacks any inspection or maintenance.
FAIL	12.4.2.8.4.2 - Periodic Inspection and Testing.	As a minimum, the provisions of 12.4.2.8.3 shall be included in the periodic inspection and testing procedure. [80:5.2.4.2] Location: Building wide Original Comment: No documentation was provided to verify fire door inspections are being performed.

FAIL 12.5.1 - Interior Finish.

Interior finish in buildings and structures shall meet the requirements of NFPA 101 and this Code.

Location: Throughout the Basement

Original Comment: Multiple areas of the Basement have plywood in place in order to create storage areas or partitions. It shall be evaluated if this material meets the interior finish requirements of NFPA 1 and NFPA 101 for use in this area.



STATUS	CODE	DESCRIPTION
FAIL	12.5.1 - Interior Finish.	Interior finish in buildings and structures shall meet the requirements of NFPA 101 and this Code.

Location: The Stacks

Original Comment: Wood papeling and poghoards are present on all levels of the

Original Comment: Wood paneling and pegboards are present on all levels of the area known as "The Stacks"

FAIL

12.7.6.2.2 - Minimum Fire
Protection Rating.

The minimum fire rating for opening protectives in fire barriers, fire-rated smoke barriers, and fire-rated smoke partitions shall be in accordance with Table
12.7.6.2.2, except as otherwise permitted in 12.7.6.2.3 or 12.7.6.2.4. [101:8.3.3.2.2]

Location: P201 2nd Floor

Original Comment: There is a large area at P201 connecting the 1st and 2nd floors due to a large museum display. The area is not separated from the rest of the 1st or 2nd floors building wide.









STATUS CODE DESCRIPTION 12.7.8.7.1 - Membrane **FAIL** Membrane penetrations for cables, cable trays, conduits, pipes, tubes, Penetrations. combustion vents and exhaust vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a membrane of a wall, floor, or floor/ceiling assembly constructed as a fire barrier shall be protected by a firestop system or device and shall comply with 12.7.8.2 through 12.7.8.6.2. [101:8.3.4.7.1] Location: 3rd Floor AHU Room Original Comment: Piping in the floor of the AHU room-penetrates to the 2nd Floor AHU Room **FAIL** 12.7.8.7.1 - Membrane Membrane penetrations for cables, cable trays, conduits, pipes, tubes, Penetrations. combustion vents and exhaust vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a membrane of a wall, floor, or floor/ceiling assembly constructed as a fire barrier shall be protected by a firestop system or device and shall comply with 12.7.8.2 through 12.7.8.6.2. [101:8.3.4.7.1] Location: Rm A204M 2nd Floor AHU Room Original Comment: Penetrations in the floor and ceiling around the piping. 12.7.8.7.1 - Membrane **FAIL** Membrane penetrations for cables, cable trays, conduits, pipes, tubes, Penetrations. combustion vents and exhaust vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a membrane of a wall, floor, or floor/ceiling assembly constructed as a fire barrier shall be protected by a firestop system or device and shall comply with 12.7.8.2 through 12.7.8.6.2. [101:8.3.4.7.1] Location: Electrical Room A101A

STATUS CODE DESCRIPTION 12.7.8.7.1 - Membrane **FAIL** Membrane penetrations for cables, cable trays, conduits, pipes, tubes, Penetrations. combustion vents and exhaust vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a membrane of a wall, floor, or floor/ceiling assembly constructed as a fire barrier shall be protected by a firestop system or device and shall comply with 12.7.8.2 through 12.7.8.6.2. [101:8.3.4.7.1] Location: Electrical Room A101B Original Comment: Penetrations around conduit at the ceiling. 12.7.8.7.1 - Membrane Membrane penetrations for cables, cable trays, conduits, pipes, tubes, **FAIL** Penetrations. combustion vents and exhaust vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a membrane of a wall, floor, or floor/ceiling assembly constructed as a fire barrier shall be protected by a firestop system or device and shall comply with 12.7.8.2 through 12.7.8.6.2. [101:8.3.4.7.1] Location: Mechanical Room A109 Original Comment: Multiple penetrations around piping in the ceiling and the floor. 12.7.8.7.1 - Membrane **FAIL** Membrane penetrations for cables, cable trays, conduits, pipes, tubes, Penetrations. combustion vents and exhaust vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a membrane of a wall, floor, or floor/ceiling assembly constructed as a fire barrier shall be protected by a firestop system or device and shall comply with 12.7.8.2 through 12.7.8.6.2. [101:8.3.4.7.1] Location: IT Closet Room 207 Original Comment: Open penetrations from the room into the corridor above the ceiling.



CODE

FAIL

12.7.8.7.1 - Membrane Penetrations.

Membrane penetrations for cables, cable trays, conduits, pipes, tubes, combustion vents and exhaust vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a membrane of a wall, floor, or floor/ceiling assembly constructed as a fire barrier shall be protected by a firestop system or device and shall comply with 12.7.8.2 through 12.7.8.6.2. [101:8.3.4.7.1]

Location: Room B0005

Original Comment: Penetrations around piping on the north and south walls.

FAIL

12.7.8.7.1 - Membrane Penetrations.

Membrane penetrations for cables, cable trays, conduits, pipes, tubes, combustion vents and exhaust vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a membrane of a wall, floor, or floor/ceiling assembly constructed as a fire barrier shall be protected by a firestop system or device and shall comply with 12.7.8.2 through 12.7.8.6.2. [101:8.3.4.7.1]

Location: Room BS

Original Comment: Electrical Room BS-penetrations above the door from the room into the Basement.

12.7.8.7.1 - Membrane Penetrations.

Membrane penetrations for cables, cable trays, conduits, pipes, tubes, combustion vents and exhaust vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a membrane of a wall, floor, or floor/ceiling assembly constructed as a fire barrier shall be protected by a firestop system or device and shall comply with 12.7.8.2 through 12.7.8.6.2. [101:8.3.4.7.1]

Location: Telecom Room A8

Original Comment: Open penetrations on back wall

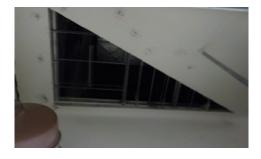
FAIL

12.7.8.7.1 - Membrane Penetrations.

Membrane penetrations for cables, cable trays, conduits, pipes, tubes, combustion vents and exhaust vents, wires, and similar items to accommodate electrical, mechanical, plumbing, and communications systems that pass through a membrane of a wall, floor, or floor/ceiling assembly constructed as a fire barrier shall be protected by a firestop system or device and shall comply with 12.7.8.2 through 12.7.8.6.2. [101:8.3.4.7.1]

Location: Room P101

Original Comment: Two large open ventilation holes are located in the floor to the Basement. No damper to isolate these are present



FAIL

12.9.5.4.2 - Installation, Testing, and Maintenance. Smoke dampers and combination fire and smoke dampers required by this Code shall be inspected, tested, and maintained in accordance with NFPA 105. [101:8.5.5.4.2]

Location: Building wide

Original Comment: No documentation is present to verify fire/smoke damper inspections.

STATUS	CODE	DESCRIPTION
FAIL	13.2.3.3 - Inspection, Testing, and Maintenance.	A standpipe system installed in accordance with this Code shall be inspected, tested, and maintained in accordance with NFPA 25. Location: Basement area Original Comment: The standpipe connections in the Basement were reported to be inoperable due to broken or damaged piping in the system.
FAIL	13.2.3.3 - Inspection, Testing, and Maintenance.	A standpipe system installed in accordance with this Code shall be inspected, tested, and maintained in accordance with NFPA 25. Location: P205 east wall hose cabinet Original Comment: The hose located in the cabinet lacks a pressure test.
FAIL	13.3.2.7.2 - Existing Assembly Occupancies.	Any assembly occupancy used or capable of being used for exhibition or display purposes shall be protected throughout by an approved automatic sprinkler system in accordance with Section 13.3 where the exhibition or display area exceeds 15,000 ft2 (1400 m2). [101:13.3.5.2] Location: Building Wide Original Comment: There is a partial sprinkler system in the Basement and 1st Level. The entire building is required to be sprinklered.
FAIL	13.3.3.4.1.7.1 - Addressing Changes in Hazard.	Where changes in the occupancy, hazard, water supply, storage commodity, storage arrangement, building modification, or other condition that affects the installation criteria of the system are identified, the property owner or designated representative shall promptly take steps to evaluate the adequacy of the installed system in order to protect the building or hazard in question. [25:4.1.7.1] Location: Room W012 Storage B Original Comment: An excess of combustible storage is located in this room. It should be evaluated if the sprinkler system was designed for this load.

13.3.3.4.1.7.1 - Addressing Changes in Hazard.

Where changes in the occupancy, hazard, water supply, storage commodity, storage arrangement, building modification, or other condition that affects the installation criteria of the system are identified, the property owner or designated representative shall promptly take steps to evaluate the adequacy of the installed system in order to protect the building or hazard in question. [25:4.1.7.1]

Location: Room W011 Storage C

Original Comment: An excess of combustible storage is located in this room. It should be evaluated if the sprinkler system was designed for this load.

FAIL

13.3.3.5.1.5.4 - Stock of Spare Sprinklers.

The stock of spare sprinklers shall include all types and ratings installed and shall be as follows: (1)For protected facilities having under 300 sprinklers — no fewer than 6 sprinklers(2)For protected facilities having 300 to 1000 sprinklers — no fewer than 12 sprinklers(3)For protected facilities having over 1000 sprinklers — no fewer than 24 sprinklers[25:5.4.1.5.4]

Location: Sprinkler Riser Room

Original Comment: The spare sprinkler head box lacks the required number of heads.

FAIL

13.6.4.3.2 - Annual Maintenance Record Keeping.

No Code Description

Location: Elevator Machine Room P16

Original Comment: The extinguisher lacks an annual inspection-last recorded date of inspection is October 2023



STATUS	CODE	DESCRIPTION
FAIL	13.7.1.1 - General.	Where building fire alarm systems or automatic fire detectors are required by other sections of this Code, they shall be provided and installed in accordance with NFPA 70, NFPA 72, and Section 13.7. Location: Room C15 in the Basement Original Comment: A fire alarm strobe device on the ceiling is covered with black tape.
FAIL	13.7.1.1 - General.	Where building fire alarm systems or automatic fire detectors are required by other sections of this Code, they shall be provided and installed in accordance with NFPA 70, NFPA 72, and Section 13.7. Location: Conservation Wing West stairway landing Original Comment: The smoke detector in the 1st Floor landing is not operable.
FAIL	13.7.1.1 - General.	Where building fire alarm systems or automatic fire detectors are required by other sections of this Code, they shall be provided and installed in accordance with NFPA 70, NFPA 72, and Section 13.7. Location: Pioneer Town Original Comment: The large display areas in Pioneer Town lack smoke detection. Smoke detectors are located in the hallways only.
FAIL	13.7.1.1 - General.	Where building fire alarm systems or automatic fire detectors are required by other sections of this Code, they shall be provided and installed in accordance with NFPA 70, NFPA 72, and Section 13.7. Location: Pioneer Town west exit door Original Comment: The pull station located near the west exit in Pioneer Town located in excess of 5 feet of the door.

STATUS	CODE	DESCRIPTION
FAIL	13.7.1.1 - General.	Where building fire alarm systems or automatic fire detectors are required by other sections of this Code, they shall be provided and installed in accordance with NFPA 70, NFPA 72, and Section 13.7. Location: Area A104 Original Comment: The interior exhibits in A104 lack smoke detection. However, sprinkler heads are present.
FAIL	13.7.1.1 - General.	Where building fire alarm systems or automatic fire detectors are required by other sections of this Code, they shall be provided and installed in accordance with NFPA 70, NFPA 72, and Section 13.7. Location: Room B0001C Original Comment: Extension cord tied to fire alarm conduit on the ceiling.
FAIL	13.7.4.3.7 - Ceiling Tiles and Ceiling Assemblies.	Where automatic detectors are installed, ceilings necessary for the proper actuation of the fire protection device in accordance with NFPA 72 shall be maintained. Location: Telecom Room W 113 Original Comment: Missing ceiling tiles
FAIL	13.7.4.3.7 - Ceiling Tiles and Ceiling Assemblies.	Where automatic detectors are installed, ceilings necessary for the proper actuation of the fire protection device in accordance with NFPA 72 shall be maintained. Location: Freight Elevator Lobby near Pioneer Town Original Comment: The area has missing ceiling tiles.

STATUS	CODE	DESCRIPTION
FAIL	13.7.4.3.7 - Ceiling Tiles and Ceiling Assemblies.	Where automatic detectors are installed, ceilings necessary for the proper actuation of the fire protection device in accordance with NFPA 72 shall be maintained. Location: Room P209 Original Comment: Multiple ceiling tiles missing in Room P209
FAIL	13.7.4.3.7 - Ceiling Tiles and Ceiling Assemblies.	Where automatic detectors are installed, ceilings necessary for the proper actuation of the fire protection device in accordance with NFPA 72 shall be maintained. Location: Room C108 Original Comment: Multiple ceiling tiles are missing throughout the room.
FAIL	14.10.1.1 - General.	Exits shall be located and exit access shall be arranged, so that exits are readily accessible at all times. [101:7.5.1.1] Location: 1st Floor Dinosaur/Fossil Exhibit Original Comment: The travel distance from this area to the nearest exit was measured to be 243 ft.
FAIL	14.10.1.1 - General.	Exits shall be located and exit access shall be arranged, so that exits are readily accessible at all times. [101:7.5.1.1] Location: 2nd Floor Petroleum Exhibit Original Comment: The distance measured from this area to the nearest exit was 234 ft.

STATUS	CODE	DESCRIPTION
FAIL	14.10.1.1 - General.	Exits shall be located and exit access shall be arranged, so that exits are readily accessible at all times. [101:7.5.1.1] Location: 2nd Floor Drilling Exhibit Original Comment: The distance measured from this area to the nearest marked exit is 259 ft.
FAIL	14.10.1.1 - General.	Exits shall be located and exit access shall be arranged, so that exits are readily accessible at all times. [101:7.5.1.1] Location: Storage Area P1 Original Comment: The travel distance from P1 to the nearest exit is 175 ft. This area is considered a high hazard area and is not sprinklered. A door is present in the plywood wall used to make the storage area, but a board is in place to keep the door closed.
FAIL	14.10.1.1 - General.	Exits shall be located and exit access shall be arranged, so that exits are readily accessible at all times. [101:7.5.1.1] Location: The Stacks Level 1, 2 and 3 Original Comment: The area known as "The Stacks" has travel distances on each level that exceed the 75 feet requirement for High Hazard storage. The travel distances are in excess of 200 feet in some areas.
FAIL	14.10.2.1 - Impediments to Egress.	Access to an exit shall not be through kitchens, storerooms other than as provided in Chapters 36 and 37 of NFPA 101, restrooms, closets, bedrooms or similar spaces, or other rooms or spaces subject to locking, unless passage through such rooms or spaces is permitted for the occupancy by Chapters 18, 19, 22, or 23 of NFPA 101. [101:7.5.2.1] Location: 3rd Floor West exit Original Comment: The west exit on the 3rd floor from the Museum leads into the Library Storage Area before reaching the exterior exit door.

STATUS CODE DESCRIPTION 14.10.2.1 - Impediments to Access to an exit shall not be through kitchens, storerooms other than as **FAIL** Egress. provided in Chapters 36 and 37 of NFPA 101, restrooms, closets, bedrooms or similar spaces, or other rooms or spaces subject to locking, unless passage through such rooms or spaces is permitted for the occupancy by Chapters 18, 19, 22, or 23 of NFPA 101. [101:7.5.2.1] Location: 2nd Floor Art Storage Room Original Comment: A marked exit leads through the Art Storage Area. **FAIL** 14.10.2.2 - Impediments to Exit access and exit doors shall be designed and arranged to be clearly Egress. recognizable. [101:7.5.2.2] Location: West exit door 3rd Floor Original Comment: The west exit door leading from the Museum to the Library has signage stating "Staff Only. It is a marked exit. **FAIL** 14.10.2.2 - Impediments to Exit access and exit doors shall be designed and arranged to be clearly Egress. recognizable. [101:7.5.2.2] Location: 2nd Floor Art Storage Area Original Comment: The exit door from the Museum to the exit at the Art Storage area has signage stating, "Staff Only" It is a marked exit door. **FAIL** 14.10.3.4 - Exterior Ways of Exterior exit access shall be arranged so that there are no dead ends in excess of Exit Access. those permitted for dead-end corridors in Chapters 11 through 43 of NFPA 101. [101:7.5.3.4] Location: The Stacks Level 1, 2 and 3 Original Comment: Dead end corridors are present in the area known as "The

connecting the levels and exceed 20 feet.

Stacks-These dead end corridors extend both directions from the stairs

STATUS

14.10.3.4 - Exterior Ways of Exit Access.

Exterior exit access shall be arranged so that there are no dead ends in excess of those permitted for dead-end corridors in Chapters 11 through 43 of NFPA 101. [101:7.5.3.4]

Location: Basement Corridor near Room P3

Original Comment: The corridor extends to the elevator lobby. The distance is 75 ft.



FAIL 14.13.1.1 - General.

Emergency lighting facilities for means of egress shall be provided in accordance with Section 14.13 for the following: (1)Buildings or structures where required in Chapters 11 through 43 of NFPA 101(2)Underground and limited-access structures as addressed in Section 11.7 of NFPA 101(3)High-rise buildings as required by NFPA 101(4)Doors equipped with delayed-egress locks(5)Stair shafts and vestibules of smokeproof enclosures, for which the following also apply: (a)The stair shaft and vestibule shall be permitted to include a standby generator that is installed for the smokeproof enclosure mechanical ventilation equipment. (b)The standby generator shall be permitted to be used for the stair shaft and vestibule emergency lighting power supply. (6)New sensor-release of electrical locking systems in accordance with 14.5.3.2[101:7.9.1.1]

Location: The Stacks-Levels 1 2 and 3

Original Comment: The entire area known as "The Stacks" lacks any emergency lighting.

STATUS CODE DESCRIPTION 14.13.2.1.1 - Periodic Testing Testing of required emergency lighting systems shall be permitted to be **FAIL** of Emergency Lighting conducted as follows: (1)Functional testing shall be conducted monthly with a Equipment. minimum of 3 weeks and a maximum of 5 weeks between tests, for not less than 30 seconds, except as otherwise permitted by 14.13.2.1.1(2). (2)The test interval shall be permitted to be extended beyond 30 days with the approval of the AHJ. (3) Functional testing shall be conducted annually for a minimum of 11/2 hours if the emergency lighting system is battery powered. (4)The emergency lighting equipment shall be fully operational for the duration of the tests required by 14.13.2.1.1(1) and 14.13.2.1.1(3). (5) Written records of visual inspections and tests shall be kept by the owner for inspection by the AHJ.[101:7.9.3.1.1] Location: Building Wide Original Comment: No documentation was provided to verify testing of emergency lighting **FAIL** 14.14.1 - General. No Code Description Location: 2nd Floor Art Storage Area West Exit Original Comment: The exit door is blocked by storage. **FAIL** 14.14.1.2.1 - Exits. Exits, other than main exterior exit doors that obviously and clearly are identifiable as exits, shall be marked by an approved sign that is readily visible from any direction of exit access. [101:7.10.1.2.1] Location: The Stacks Original Comment: The storage area known as "The Stacks" lacks any exit signage throughout.

STATUS	CODE	DESCRIPTION
FAIL	14.14.2.1 - Directional Signs.	A sign complying with 14.14.3, with a directional indicator showing the direction of travel, shall be placed in every location where the direction of travel to reach the nearest exit is not apparent. [101:7.10.2.1] Location: Exit sign in C2 near doors to P1 in the Basement. Original Comment: Exit sign in C2 near the south door into P1 leads occupant into P1 in the Basement instead of the stairway leading to the 1st Floor.
FAIL	14.4.1 - Maintenance.	Means of egress shall be continuously maintained free of all obstructions or impediments to full instant use in the case of fire or other emergency. [101:7.1.10.1] Location: The Stacks Level 1 near Row 13A Tier 2 Original Comment: Items stored in the aisle blocking egress
FAIL	14.4.1 - Maintenance.	Means of egress shall be continuously maintained free of all obstructions or impediments to full instant use in the case of fire or other emergency. [101:7.1.10.1] Location: The Stacks Row 9A North Tier 1 Original Comment: Items stored in the aisle blocking egress.

STATUS CODE DESCRIPTION **FAIL** 14.5.1.2 - Door Leaf Swing Door leaves required to be of the side-hinged or pivoted-swinging type shall Direction. swing in the direction of egress travel under any of the following conditions: (1)Where serving a room or area with an occupant load of 50 or more, except under any of the following conditions: (a) Door leaves in horizontal exits shall not be required to swing in the direction of egress travel where permitted by 7.2.4.3.8.1 or 7.2.4.3.8.2 of NFPA 101. (b)Door leaves in smoke barriers shall not be required to swing in the direction of egress travel in existing health care occupancies, as provided in Chapter 19 of NFPA 101. (2) Where the door assembly is used in an exit enclosure, unless the door opening serves an individual living unit that opens directly into an exit enclosure(3)Where the door opening serves a high hazard contents area[101:7.2.1.4.2] Location: 1st Floor fire doors from Lobby to Don D Harrington Petroleum Wing Original Comment: The double doors swing against the marked egress path **FAIL** 14.5.1.2 - Door Leaf Swing Door leaves required to be of the side-hinged or pivoted-swinging type shall Direction. swing in the direction of egress travel under any of the following conditions: (1)Where serving a room or area with an occupant load of 50 or more, except under any of the following conditions: (a)Door leaves in horizontal exits shall not be required to swing in the direction of egress travel where permitted by 7.2.4.3.8.1 or 7.2.4.3.8.2 of NFPA 101. (b)Door leaves in smoke barriers shall not be required to swing in the direction of egress travel in existing health care occupancies, as provided in Chapter 19 of NFPA 101. (2) Where the door assembly is used in an exit enclosure, unless the door opening serves an individual living unit that opens directly into an exit enclosure(3)Where the door opening serves a high hazard contents area[101:7.2.1.4.2] Location: Conservation Wing 1st Floor Corridor Original Comment: The doors leading to the marked east exit door swings against

the egress path.

14.5.1.5 - Door Unlatching FAIL and Leaf Operating Forces. No Code Description

Location: East exit door near Pioneer Town Children Play Area

Original Comment: The east exit door near Pioneer Town requires excess force to open.

STATUS	CODE	DESCRIPTION
FAIL	14.5.2.6.1 - Key-Operated Locks.	Where permitted in Chapters 11 through 43 of NFPA 101, key operation shall be permitted, provided that the key cannot be removed when the door leaf is locked from the side from which egress is to be made. [101:7.2.1.5.6.1] Location: East exit door 1st Floor Original Comment: The east exit door near the Automobile display has a double key deadbolt.
FAIL	14.6.1.1 - Enclosures.	All inside stairs serving as an exit or exit component shall be enclosed in accordance with Section 14.3. [101:7.2.2.5.1.1] Location: Stair PS2 Original Comment: The stair is open on the 1st and 2nd levels. There is plenum located under the stairway landing on the 1st Floor open to the Basement.
FAIL	14.6.1.1 - Enclosures.	All inside stairs serving as an exit or exit component shall be enclosed in accordance with Section 14.3. [101:7.2.2.5.1.1] Location: The Stacks-All levels Original Comment: The two stairways connecting the levels in The Stacks lack any separation or enclosure.
FAIL	14.6.1.1 - Enclosures.	All inside stairs serving as an exit or exit component shall be enclosed in accordance with Section 14.3. [101:7.2.2.5.1.1] Location: 3rd Floor Central stairway Original Comment: The stairway is marked as an exit. It is open from the Basement to the Third Floor. The doors to the Elevator Lobby do not appear to be rated.

STATUS	CODE	DESCRIPTION
FAIL	14.6.1.1 - Enclosures.	All inside stairs serving as an exit or exit component shall be enclosed in accordance with Section 14.3. [101:7.2.2.5.1.1]
		Location: 2nd Floor Central Stairway
		Original Comment: The central stairway which is marked as an exit lacks any separation from the rest of the building. The stair leads from the 3rd Floor to the Basement.

FAIL 14.6.1.1 - Enclosures.

All inside stairs serving as an exit or exit component shall be enclosed in accordance with Section 14.3. [101:7.2.2.5.1.1]

Location: East stairway in P205

Original Comment: The stairs are open to the 1st and 2nd floor with an open plenum located under the stairs on the 1st Floor Landing leading to the Basement.



FAIL 14.6.1.1 - Enclosures.

All inside stairs serving as an exit or exit component shall be enclosed in accordance with Section 14.3. [101:7.2.2.5.1.1]

Location: Stairway 210-East exit

Original Comment: Stairway 210 on the east side of the building is open from the Basement to the 2nd Floor with no separation.





FAIL 14.6.1.1 - Enclosures.

All inside stairs serving as an exit or exit component shall be enclosed in accordance with Section 14.3. [101:7.2.2.5.1.1]

Location: Stairway P205

Original Comment: The stairway is open on the 1st and 2nd Floors. A plenum located under the stairway at the 1st Floor landing is open to the Basement. The stairs are a marked exit.



FAIL 14.6.1.1 - Enclosures.

All inside stairs serving as an exit or exit component shall be enclosed in accordance with Section 14.3. [101:7.2.2.5.1.1]

Location: Stairway CS2 in the Basement

Original Comment: The stairway is only enclosed on the 1st level.

FAIL 14.6.1.1 - Enclosures.

All inside stairs serving as an exit or exit component shall be enclosed in accordance with Section 14.3. [101:7.2.2.5.1.1]

Location: Stairway CS1

Original Comment: The stairway is only enclosed on the 1st level.

14.6.3.2 - Usable Space.

Enclosed, usable space shall be permitted under stairs, provided that both of the following criteria are met: (1)The space shall be separated from the stair enclosure by the same fire resistance as the exit enclosure. (2)Entrance to the enclosed, usable space shall not be from within the stair enclosure. (See also 14.3.3.)[101:7.2.2.5.3.2]

Location: Stairway PS2

Original Comment: Items stored at the 1st Floor Landing under the stairs

FAIL 14.6.3.2 - Usable Space.

Enclosed, usable space shall be permitted under stairs, provided that both of the following criteria are met: (1)The space shall be separated from the stair enclosure by the same fire resistance as the exit enclosure. (2)Entrance to the enclosed, usable space shall not be from within the stair enclosure. (See also 14.3.3.)[101:7.2.2.5.3.2]

Location: Stair PS3-Windmill Exhibit

Original Comment: Combustible storage under the stairway at the 1st Floor Landing



FAIL

14.6.3.2 - Usable Space.

Enclosed, usable space shall be permitted under stairs, provided that both of the following criteria are met: (1)The space shall be separated from the stair enclosure by the same fire resistance as the exit enclosure. (2)Entrance to the enclosed, usable space shall not be from within the stair enclosure. (See also 14.3.3.)[101:7.2.2.5.3.2]

Location: Basement stairway at A13

Original Comment: Combustible storage under the stairs.

14.6.3.2 - Usable Space.

Enclosed, usable space shall be permitted under stairs, provided that both of the following criteria are met: (1)The space shall be separated from the stair enclosure by the same fire resistance as the exit enclosure. (2)Entrance to the enclosed, usable space shall not be from within the stair enclosure. (See also 14.3.3.)[101:7.2.2.5.3.2]

Location: North exit stairs from Basement near freight elevator

Original Comment: Storage in the stairway landing under the stairs.

FAIL 14.6.3.2 - Usable Space.

Enclosed, usable space shall be permitted under stairs, provided that both of the following criteria are met: (1)The space shall be separated from the stair enclosure by the same fire resistance as the exit enclosure. (2)Entrance to the enclosed, usable space shall not be from within the stair enclosure. (See also 14.3.3.)[101:7.2.2.5.3.2]

Location: Stair CS1 Basement

Original Comment: Items stored under stairway landing.



FAIL 14.6.3.2 - Usable Space.

Enclosed, usable space shall be permitted under stairs, provided that both of the following criteria are met: (1)The space shall be separated from the stair enclosure by the same fire resistance as the exit enclosure. (2)Entrance to the enclosed, usable space shall not be from within the stair enclosure. (See also 14.3.3.)[101:7.2.2.5.3.2]

Location: Stair CS2 Basement

Original Comment: Items stored under the stairway at the landing.



CODE

FAIL 14.8.3.1 - Egress Capacity.

Egress capacity for approved components of means of egress shall be based on the capacity factors shown in Table 14.8.3.1, unless otherwise provided in 14.8.3.2. [101:7.3.3.1]

Location: East exit stair at P100

Original Comment: This stair and the east exit door do not appear to meet the capacity requirements. This stair is a main egress path from the 1st and second floors.



FAIL 14.9.1.1 - General.

The number of means of egress from any balcony, mezzanine, story, or portion thereof shall be not less than two, except under one of the following conditions: (1)A single means of egress shall be permitted where permitted in Chapters 11 through 43 of NFPA 101. (2)A single means of egress shall be permitted for a mezzanine or balcony where the common path of travel limitations of Chapters 11 through 43 of NFPA 101 are met.[101:7.4.1.1]

Location: Conservation Wing

Original Comment: Only 1 marked exit is located in the 1st Floor Conservation Wing. The other exit is not marked and has a roll up door over the glass doors leading to the Loading Dock



20.1.5.6 - Crowd Managers.

No Code Description

Location: It was not ascertained during the inspection if trained and certified crowd managers were present when the museum is open or a large gathering is taking place.

FAIL

26.1.1 - General.

The handling or storage of chemicals in laboratory buildings, laboratory units, and laboratory work areas whether located above or below grade shall comply with this chapter. Construction and protection of new laboratories shall also comply with NFPA 45.

Location: W003B Fume Hood

Original Comment: Items are being stored in the fume hood.

FAIL

4.5.8.1 - Maintenance, Inspection, and Testing.

Whenever or wherever any device, equipment, system, condition, arrangement, level of protection, fire-resistive construction, or any other feature is required for compliance with the provisions of this Code, such device, equipment, system, condition, arrangement, level of protection, fire-resistive construction, or other feature shall thereafter be continuously maintained. Maintenance shall be provided in accordance with applicable NFPA requirements or requirements developed as part of a performance-based design, or as directed by the AHJ. [101:4.6.12.1]

Location: Sprinkler Risers Preaction System 1

Original Comment: The sprinkler system is yellow tagged for "3 year air leak test, Tarped sprinkle(?), VR in pond position, Milky oil in A/L, Spare sprinkler (?)



STATUS

4.5.8.1 - Maintenance, Inspection, and Testing. Whenever or wherever any device, equipment, system, condition, arrangement, level of protection, fire-resistive construction, or any other feature is required for compliance with the provisions of this Code, such device, equipment, system, condition, arrangement, level of protection, fire-resistive construction, or other feature shall thereafter be continuously maintained. Maintenance shall be provided in accordance with applicable NFPA requirements or requirements developed as part of a performance-based design, or as directed by the AHJ. [101:4.6.12.1]

Location: Sprinkler System Preaction System 2

Original Comment: The system is yellow tagged for "3 year air leak test"



FAIL

4.5.8.1 - Maintenance, Inspection, and Testing.

Whenever or wherever any device, equipment, system, condition, arrangement, level of protection, fire-resistive construction, or any other feature is required for compliance with the provisions of this Code, such device, equipment, system, condition, arrangement, level of protection, fire-resistive construction, or other feature shall thereafter be continuously maintained. Maintenance shall be provided in accordance with applicable NFPA requirements or requirements developed as part of a performance-based design, or as directed by the AHJ. [101:4.6.12.1]

Location: Basement wide

Original Comment: The standpipe connections in the Basement are reported to not be operational.

STATUS CODE

DESCRIPTION

FAIL

4.5.8.1 - Maintenance, Inspection, and Testing.

Whenever or wherever any device, equipment, system, condition, arrangement, level of protection, fire-resistive construction, or any other feature is required for compliance with the provisions of this Code, such device, equipment, system, condition, arrangement, level of protection, fire-resistive construction, or other feature shall thereafter be continuously maintained. Maintenance shall be provided in accordance with applicable NFPA requirements or requirements developed as part of a performance-based design, or as directed by the AHJ. [101:4.6.12.1]

Location: Fire Alarm panel Located in the Security Office

Original Comment: The alarm has a yellow label for "Strobes in 2nd Floor Admin and restrooms by guns don't work"



FAIL

4.5.8.3 - Maintenance, Inspection, and Testing.

Existing life safety features obvious to the public, if not required by the Code, shall be either maintained or removed. [101:4.6.12.3]

Location: Pioneer Town Telegraph Office

Original Comment: There is a smoke detector from an old system which is not operable.

FAIL

40.5.3.3.1 - Process Systems.

Each part of the process system where combustible dust is present or where combustible particulate solids could cause combustible dust to be present shall be evaluated, and the evaluation shall address the following:(1)Potential intended and unintended combustible dust transport between parts of the process system(2)Potential fugitive combustible dust emissions into a building or building compartments(3)Potential deflagration propagation between parts of the process system[652:7.3.3.1]

Location: Basement Carpentry/Welding/Paint Shop

Original Comment: No means to prevent fugitive dust exists in this area.

41.3.3.1 - General.

Hot work shall be permitted only in areas that are or have been made fire safe. [51B:5.3.1]

Location: Carpentry/Welding/Paint Shop

Original Comment: Welding and cutting operations appear to be taking place in this area which has not been made fire safe.

FAIL

43.1.2.2 - Locations in Other Occupancies.

Spray application operations and processes shall not be conducted in any building that is classified as an assembly, an educational, a day care, a health care, an ambulatory health care, a detention/correctional, a residential, a mercantile, a business, or a storage occupancy, unless the following requirements are met:(1)The spraying is located in a room that is separated both vertically and horizontally from all surrounding areas by construction having a fire resistance rating of not less than 2 hours or in a spray room (see Section 5.2 of NFPA 33). (2)The room is protected by an approved automatic sprinkler system designed and installed in accordance with Section 13.3.[33:4.1.1]

Location: Basement near Carpentry Shop

Original Comment: Spray painting operations and other types of painting are being performed in an area that does not meet the requirements of NFPA 33.



FAIL

50.4.3.2 - General Requirements.

Cooking equipment that produces grease-laden vapors and that might be a source of ignition of grease in the hood, grease removal device, or duct shall be protected by fire-extinguishing equipment. [96:10.1.2]

Location: 2nd Floor Break Area

Original Comment: A stove is present in which occasional cooking which produces grease laden vapor takes place.

FAIL 6.1.14.4.1 - Separated Occupancies.

Where separated occupancies are provided, each part of the building comprising a distinct occupancy, as described in this chapter, shall be completely separated from other occupancies by fire-barriers as specified in 6.1.14.4.2, 6.1.14.4.3, and Table 6.1.14.4.1(a) and Table 6.1.14.4.1(b), unless separation is provided by approved existing separations or as otherwise permitted by 6.1.14.4.6. [101:6.1.14.4.1]

Location: Basement Carpentry Shop

Original Comment: The Carpentry/Welding/Paint Shop lacks the required separation from the Basement Storage area. Roll-up doors are in place, but they do not appear to be rated doors.



CODE

FAIL

6.1.14.4.6 - Separated Occupancies.

Where permitted in Chapters 11 through 43, atrium walls shall be permitted to serve as part of the separation required by 6.1.14.4.1 for creating separated occupancies on a story-by-story basis, provided all of the following are met: (1) The atrium is separated from adjacent areas by walls that are smoke partitions in accordance with Section 8.4. (2) Doors in the smoke partitions required by 6.1.14.4.6 (1) are equipped with positive latching hardware. (3) The atrium meets the provisions of 8.6.7 that are applicable to new atriums.

Location: Storage Room 209

Original Comment: Storage Room 209 is a large storage room containing a large amount of combustible storage and is not separated from P205 Exhibit Area.

FAIL

66.6.8.1 - Emergency Planning and Training.

A written emergency action plan that is consistent with available equipment and personnel shall be established to respond to fires and related emergencies. This plan shall include the following: (1)Procedures to be followed in case of fire or release of liquids or vapors, such as sounding the alarm, notifying the fire department, evacuating personnel, and controlling and extinguishing the fire(2)Procedures and schedules for conducting drills of these procedures(3)Appointment and training of personnel to carry out assigned duties, including review at the time of initial assignment, as responsibilities or response actions change, and whenever anticipated duties change(4)Procedures for maintenance and operation of (a) fire protection equipment and systems, (b) drainage and containment systems, and (c) dispersion and ventilation equipment and systems(5)Procedures for shutting down or isolating equipment to reduce, mitigate, or stop the release of liquid or vapors, including assigning personnel responsible for maintaining critical plant functions or shutdown of plant processes and safe start-up following isolation or shutdown(6)Alternate measures for the safety of occupants[30:6.8.1]

Location: It was not ascertained during the inspection if an EAP is present for the building.

STATUS CODE DESCRIPTION

FAIL

66.9.7.2 - Requirements for Specific Occupancies.

Ignitible (flammable or combustible) liquids stored in Protection Level 2 or Protection Level 3 occupancies shall meet the applicable requirements for storage in a Liquid Storage Room or Liquid Warehouse as defined in this Code and in NFPA 5000. [30:9.8.2]

Location: Carpentry/Paint/Welding Shop

Original Comment: Numerous cans/buckets of paint and other combustible materials are present throughout.



FAIL 7.2.2.2.3.4 - Spiral Stairs.

Where the occupant load served does not exceed five, existing spiral stairs shall be permitted, provided that the requirements of 7.2.2.2.3.3 (1) through 7.2.2.2.3.3 (5) are met.

Location: Located at B004 near "The Stacks"

Original Comment: The stairs were measured at 22 inches wide. The minimum width is 36 inches.

GENERAL NOTES

Matt Warren - 01/21/2025 @ 11:02

VIOLATIONS OBSERVED and REQUIRES REINSPECTION

REINSPECTION DATE

04/22/2025

FEE

Invoice Date: N/A | Inspection Fee: N/A | Date Paid: N/A | Amount Paid: N/A | Invoice Number: N/A | Check Number: N/A | Transaction Number: N/A

CONTACT SIGNATURE

Rob Thompson

Reason for not collecting a signature: NA

INSPECTOR SIGNATURE

Matt Warren Signed on: 01/21/2025 @ 11:02

QUESTIONS ABOUT YOUR INSPECTION?

Matt Warren matthew.warren@tdi.texas.gov No phone number available