INSPECTION REPORT

Project Information

Project Name	Repair Emergency Generator and Transfer Switch	Project ID	WWYK090044
Project Building	1	Year Constructed	Unknown
Room/Post Location	North Dock EU 7121	Historical Samplings	No
Requestor	Elisa Mercado	Inspector(s)	Michael Green
Inspection Date	9 Nov 2023	Prepared By	DUCK.LAURA.MICHELLE.1260792225 Digitally signed by DUCK.LAURA.MICHELLE.1260792225 Date: 2023.11.13 11:11:31 -06'00'

Sampling Information:

Sample ID - Location	Material	Classification	Condition	Hazard	Friable	Analysis	Results
LBPB1GEN01 Generator	Green and brown paint	Misc	Good	LBP	N/A	XRF	ND and PASS
LBPB1GEN02 Transfer Switch/Station	Gray paint	Misc	Good	LBP	N/A	XRF	ND

Condition:

Surfacing/Misc. Materials:

- **Good Condition:** Material with no visible damage or deterioration or showing only very limited damage or deterioration.
- **Some Damage:** Material crumbling, blistered, water-stained, gouged, marred, or abraded covering less than one tenth of the surface if the damage is evenly distributed (one quarter if the damage is localized).
- **Significant Damage:** Material crumbling, blistered, hanging from surface, deteriorated, adhesive failure, water-stained, gouged, marred, or abraded covering more than one tenth if the damage is evenly distributed (one quarter if the damage is localized).

Thermal System Insulation:

- **Good Condition:** Material with no visible damage or deterioration.
- **Damage/Significant Damage:** Material that has lost its structural integrity, its covering, in whole or in part, is crushed, water-stained, gouged, punctured, or not intact such that is not able to contain fibers.
  Note: There is only one category of damage for TSI: Damaged or significantly damaged".

Hazard:

- ACM = Asbestos Containing Material; *defined by the EPA as any material containing more than 1 percent asbestos.*
- LBP = Lead-Based Paint; *defined by the EPA as paint with lead levels greater than or equal to 1.0 milligram per square centimeter (mg/cm2), or more than 0.5% by weight*.

Friable:

- Friable = Material, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure, and includes previously nonfriable material that becomes damaged to the extent that it is now friable.
- NF = Nonfriable; Material, when dry may not be crumbled, pulverized, or reduced to powder by hand pressure.

Analysis/Results:

- PLM = Polarized Light Microscopy; Asbestos Present or Asbestos Not Present
- PACM = Presumed Asbestos Containing Material; TSI and SM found in buildings constructed no later than 1980.
- XRF = X-ray Fluorescence
- The XRF spectrometry identifies if lead is present and the quantifies the amount of lead present.

  a. Pass = results for Pb are lower than the limit parameter (less than 1 mg/cm3)

  b. Inconclusive = Quantitive analysis in the region defined as intermediate. Additional investigation performed with Pb check sticks.

c. Fail = Results for Pb are higher than the limit parameter (greater than 1 mg/cm3)

d. ND = Pb not detected

- Pb Stick = Lead Paint Check Stick; Qualitative analysis that determines if LBP is present on surfaces.

Inspection Observations:

- Civil Engineering Environmental (CEIE) conducted an inspection of the project equipment for asbestos and lead-based paint concerns.

Findings:

- Most paint appeared to be factory finish.
- No suspect asbestos containing material was observed and therefore no samples were taken.
- XRF analysis did not detect LBP above limits.

Recommendations:

- No suspect asbestos or LBP present. No recommendations applicable.

END OF REPORT