

# NARRATIVE REPORT

## 1.0 BUILDING INFORMATION

The Safety Office was originally constructed in 1962; although specific information could not be located, an extensive renovation is evident.

The Safety Office is a single-story, 2,820 ft<sup>2</sup> building which primarily serves as office areas for safety personnel.

The interior floor finishes included floor tile; the interior wall finishes included gypsum wallboard (GWB) and plaster; and the interior ceiling finishes included wood. The roofing system is a peaked metal roof and the exterior of the structure is brick and metal.

The piping systems were insulated; fiberglass and neoprene insulation, both without hard fittings, are located in the building and a limited quantity of millboard insulation is located in room 114. Water and the heating/cooling lines enter the building in room 114; the heating/cooling lines are supplied by ANPC (A046). HVAC systems located in the building consisted of radiators and a forced air furnace with variable air volume boxes equipped with heating/cooling coils throughout the building.

## 2.0 ASBESTOS SURVEY INFORMATION

The Safety Office was surveyed as part of a larger project on NDSU's Fargo, ND Campus. This report is part of "Volume 9" of a nine volume series. This report includes building specific information only; please refer to the opening section of "Volume 9" for methodologies, definitions, and other pertinent supporting information.

A total of 42 samples were collected from suspect asbestos-containing materials (ACM) from the Safety Office on May 2, 2007. Laboratory analysis results indicate **1 of these samples tested positive for asbestos.**

### 2.1 Suspect Materials Identified and Sampled

Hard Plaster- Skim Coat	Hard Plaster- Base Coat
Rock Lattice	Wall Patch Material
Baseboard Adhesive	Joint Compound
Gypsum Wallboard	Wall Texture
HVAC Duct Caulk	Air Vent Caulk
Penetration Caulk (2 types)	Encapsulant on Fiberglass Insulation
Millboard Pipe Insulation	Floor Tile
Floor Tile Mastic (2 types)	Black Lab Countertop
Exterior Window Caulk	Exterior Building Seam Caulk
Exterior Window Fastener Caulk	Roof Caulk
Roof Flashing	

The Asbestos Bulk Sample Results Table includes asbestos sampling data.

2.2 **Asbestos Containing Materials**

Millboard Pipe Insulation  
9" Floor Tile (assumed)

The ACM Locations/ Friable Materials Assessments Table includes ACM locations data.

2.3 **Cost Estimates**

Legend Technical Services Inc. estimates abatement costs (removal & disposal) of ACM for the Safety Office as follows:

ACM	QUANTITY	UNIT COST	TOTAL COST
Asbestos Millboard Pipe Insulation	2 ft	\$25.00/ft <sup>2</sup>	\$50.00
Asbestos Floor Tile and Mastic	144 ft <sup>2</sup>	\$4.00/ft <sup>2</sup>	\$576.00
<b>Total Estimated Abatement Costs:</b>			<b>\$626.00</b>

**LEGEND TECHNICAL SERVICES, INC.**  
ACM LOCATIONS/FRIABLE MATERIALS ASSESSMENTS TABLE

LEGEND No. 0700048 (NDSU)  
SAFETY OFFICE (BUILDING A095)

ROOM/ ACM	ASBESTOS TYPE	EST. QUANTITY	ACM TYPE	MATERIAL CONDITION	DAMAGE POTENTIAL	LOW MOD HIGH	ASSESS. CAT. <sup>1</sup>	NOTES
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**Room 104**

9" Floor Tile and Mastic	Assumed	144 ft <sup>2</sup>	Non-Friable Miscellaneous	N/A*	N/A*		N/A*	The floor tile and the mastic were assumed to be ACMs.
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**Room 114** Abated December 2013

<del>Millboard Pipe Insulation</del>	10% Chrysotile	2 ft	Friable TSI	Significantly Damaged	Physical <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		1	The straight run insulation is in the northwest corner of the room on one of the pipes on top of the water heater.
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<sup>1</sup>Assessment Categories:

- |   |   |
|---|---|
| 1) Damaged or Significantly Damaged TSI ACM                   | 5) ACM with Potential for Damage                      |
| 2) Damaged Friable Surfacing ACM                              | 6) ACM with Potential for Significant Damage          |
| 3) Significantly Damaged Friable Surfacing ACM                | 7) Any Remaining Friable ACM or Friable Suspected ACM |
| 4) Damaged or Significantly Damaged Friable Miscellaneous ACM |   |

**End**

\* = Non-Friable materials were not assessed