## SUSPECT ACBM INVENTORY SHEET

| Functional Space | Dimensions | Type | Condition Assessment | Material Type Notes and Comments |
|---|---|---|---|---|
| HA #1: OFFICE SPACE - NORTHEAST CORNER OF BUILDING | 144 SQ/FT | F (NF) | SD | LINOLEUM UNDER CARPET |
| | | F NF | | |
| | | F NF | | |
| | | F NF | | |
| | | F NF | | |
| | | F NF | | |
| | | F NF | | |
| | | F NF | | |
| | | F NF | | |

Surfacing = sprayed or troweled-on material TSI = Temperature or climate control insulation Miscellaneous = material that is neither surfacing material or TSI material Category I = resilient floor covering, roofing, packing and gaskets Category II = all other miscellaneous material F = friable NF = non-friable PD = potential damage PSD = potential significant damage D = damaged and SD = significant damage.

## FACILITY DESCRIPTION

A complete description of each area to be inspected is given on this page. All areas to be excluded from the inspection due to lack of suspect materials found in the area are also described.

**Building Name/Number:** WALLS UNIT, TDCJ #1133

**Description of Foundation System:** CONCRETE

**Description of Floors:** CONCRETE

**Description of Interior/Exterior Wall Systems:** INTERIOR SHEETROCK
EXTERIOR – BRICK

**Ceiling System:** SHEETROCK, METAL

**Roofing System:** TAR AND GRAVEL

**Exempted/Assumed Materials:** N/A

**Type of HVAC:** CENTRAL A/C AND HEATING

**Occupancy:** EMPLOYEE

**Building Use:** SECURITY SERVICES

**Construction Date:** 1934

**Renovation Date(s):** UNKNOWN

# SUPPLEMENTAL CONDITION ASSESSMENT FORM

**Homogeneous Area No:** HA #1 **Functional Space(s):** OFFICE

**Condition Assessment:** PD PSD D (SD)

**Damage Factors**

Physical XX Water _____ Deterioration XX

% Damage 100 % Localized _____ Distributed XX

Remarks: FIRE BENEATH BUILDING. BURNED CARPET & LINOLEUM

**Exposure Factors**

Visibility: Yes XX No _____

Degree of Access: High XX Moderate _____ Low _____

Frequency of Contact: High XX Moderate _____ Low _____

Remarks: _____

Ventilation, air movement: High _____ Moderate _____ Low XX

Remarks: _____

Vibration: High _____ Moderate _____ Low XX

Remarks: _____

**BULK SAMPLING PROCEDURE**
**40 CFR Part 763.85 - 763.86**

Description of the manner used to determine the number of samples, locations and the name and signature of the TDH licensed Asbestos Inspector collecting samples.

BASED ON SQUARE FOOTAGE OF HA #1 (<1,000 SQ/FT) THREE (3) SAMPLES WERE TAKEN.

SAMPLE LOCATIONS WERE DETERMINED BY RANDOM GRID #1

02/20/2001
Date of Sampling

All samples were collected by a TDH licensed Asbestos Inspector.

Melvin D. Cassel
Asbestos Inspector
TDH # 60-0863

David R. Hall
Asbestos Consultant
TDH # 10-5049

## SAMPLE LOG

| Sample Number | Description of Material and Sample Location | Laboratory Results |
|---|---|---|
| 1133 | Yellow Linoleum w/Mastic. Sample taken from Northeast Corner of Room | Tan Fiber Back 40-50 % Chrysotile |
| | | |
| 1134 | Yellow Linoleum w/Mastic. Sample taken from West side of Room North of entrance. | Tan Fiber Back 40-50 % Chrysotile |
| | | |
| 1135 | Yellow Linoleum w/Mastic. Sample taken from South side of Room East of entrance | Tan Fiber Back 40-50 % Chrysotile |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

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# TEXAS DEPARTMENT OF CRIMINAL JUSTICE

## ASBESTOS ABATEMENT

## DESIGN SPECIFICATIONS

## FOR

## HUNTSVILLE UNIT, BLDG. #1133

## 13th STREET

## HUNTSVILLE, TX 77340

**PREPARED BY:**


TDCJ FACILITIES ASBESTOS
OPERATIONS & MAINTENANCE
P.O. BOX 4011
HUNTSVILLE, TX 77342
TDH LICENSE #10-0153
EXPIRATION: 11/13/02

DAVID R. HALL
ASBESTOS CONSULTANT
TDH LICENSE #10-5049
EXPIRATION: 11/28/02
David R. Hall


**PROJECT MANAGEMENT BY:**


ENVIRONMENTAL TECHNOLOGIES, INC.
P.O. BOX 210
MAGNOLIA, TX 77353
TDH LICENSE #10-0009
EXPIRATION: 12/21/02

FRANK M. PARKER, III
ASBESTOS CONSULTANT
TDH LICENSE #10-5301
EXPIRATION: 04/23/02
Frank M Parker


Date of Issue

March 27, 2002

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PART 1 GENERAL

1.1 MISSION STATEMENT

It is the policy of the Texas Department of Criminal Justice (TDCJ) Facilities Division to eliminate all asbestos-containing building material hazards prior to the renovation or demoliton in its facilities. The TDCJ is a Texas Department of Health (TDH) licensee as an Asbestos Consultant Agency (#10-0153), Asbestos Contractor (#80-0220) and Asbestos Transporter (#40-0006). TDCJ employees are licensed as Asbestos Consultant (#10-5049) and Asbestos Supervisors. TDCJ offenders are licensed as Asbestos Workers. The TDCJ contracts with an independent, third-party air monitoring firm (Environmental Technologies, Inc. #10-0009) to conduct area, personal and clearance air monitoring. The TDCJ contracts with a licensed Asbestos Transporter (Waste Management, Inc. #40-0003) for the transportation and disposal of asbestos debris to a Texas Natural Resource Conservation Commission (TNRCC) approved landfill. The TDCJ is an agency of state government and, as such, is a self-insuring entity. The TDCJ complies with all requirements of the Texas Asbestos Health Protection Act (TAHPA) in the conduct of its asbestos abatement projects.

1.2 REFERENCES

The publications listed below are a part of this specification to the extent referenced. The publications are referred to by their basic designation only.

CODE OF FEDERAL REGULATIONS (CFR)

| | |
|---|---|
| Title 40 CFR Part 61-Subpart M | National Emission Standard for Asbestos |
| Title 40 CFR Part 763-Subpart E | Asbestos Containing Material in Schools |
| Title 40 CFR Part 763-Subpart G | Asbestos Projects: Worker Protection Rules |
| Title 29 CFR Part 1926 | Construction Industry Standard |

TEXAS DEPARTMENT OF HEALTH (TDH)

| | |
|---|---|
| 25 TAC §295.31-§295.73 | Texas Asbestos Health Protection Act |

1.3 DEFINITIONS

1.3.1 Air Monitoring

The process of measuring the fiber content of a known volume of air collected during a specific period of time. The NIOSH Standard Analytical Method for Asbestos in Air, Method 7400,"A"Counting Rules.

1.3.2 Ambient Sampling

The airborne asbestos concentration in and around an asbestos abatement project. Samples shall be collected inside the containment, outside the containment but inside the building (if applicable), at the local exhaust system discharge, immediately outside the decontamination facility entrance, and outside the bag-out facility.

1.3.3 Amended Water

Water containing a chemical wetting agent to reduce the water's surface tension thereby increasing the water's ability to soak into a material to which it is applied.

1.3.4 Area Sampling

Sampling of asbestos fiber concentrations which approximates the concentrations of asbestos in the theoretical breathing zone but is not actually collected in the breathing zone of an employee.

1.3.5 Asbestos

The term asbestos includes chrysotile, amosite, crocidolite, tremolite, anthophyllite and actinolite and any of these minerals that has been chemically treated or altered. Materials are considered to contain asbestos if the asbestos content of the material is determined to be one percent or more by weight.

1.3.6 Asbestos Containing Material (ACM)

Material or products that contain more than one percent, by weight, of any kind or combination of asbestos, as determined by the Environmental Protection Agency (EPA) publication EPA/600/R-93/116, July 1993, titled, "Method for the Determination of Asbestos in Bulk Building Materials".

1.3.7 Asbestos Fibers

Those fibers having an aspect ratio of at least 3:1 and longer than 5 micrometers as determined by the NIOSH Method 7400.

1.3.8 Baseline Sampling

The airborne asbestos concentration in an area as measured prior to any asbestos abatement efforts, collected under normal building conditions. A minimum of three samples shall be collected on 0.8 micron mixed cellulose ester filters loaded in conducting cassettes with extension cowls.

1.3.9 Containment

A portion of the regulated area that has been sealed and placed under negative pressure with high efficiency particulate air filtered negative air machines.

1.3.10 Demolition

The removal of any load-supporting structural member of a facility.

1.3.11 Encapsulants

Specific materials in various forms used to chemically or physically trap asbestos fibers in various configurations to prevent these fibers from becoming airborne. Encapsulants must comply with the performance requirements specified herein.