SECTION 02 82 00

ASBESTOS REMEDIATION

PART 1  GENERAL

1.01  SUMMARY

A. Use this Standard when removal of asbestos containing building materials is required.
   1. Exception: For asphalt-impregnated (built-up) roofing, include notification of materials containing asbestos
      in the construction documents. No other requirements with regard to asbestos need to be indicated.

B. All asbestos abatement projects shall be coordinated with DPS Environmental Services

C. All asbestos abatement projects shall comply with applicable EPA, CDPHE, OSHA, and DOT regulations and
   be conducted by certified and licensed firms using trained and certified personnel.

1.02  QUALITY ASSURANCE

A. Contractor shall obtain and maintain required permits and documentation as required by EPA, CDPHE, OSHA,
   and DOT.

1.03  LIABILITY

A. Liability assurance: The Contractor shall defend and hold DPS (the Owner) harmless in order to release the
   Owner from liability related to the removal of asbestos-containing material.

1.04  WORKER PROTECTION

A. Employers engaged in asbestos abatement, regulated or otherwise, shall comply with all applicable worker
   protection standards, including but not limited to:
   1. OSHA 1910.134 – Respiratory Protection
   2. OSHA 1926.1101 – Asbestos in Construction
   3. OSHA 1910.1101 – Asbestos in General Industry
   4. OSHA 1910.1200 – Hazard Communication

1.05  SEQUENCING/SCHEDULING

A. Notification and Permitting: Comply with permitting and notifications required by regulatory agencies.

B. Work by others: Coordinate roofing removal with re-roofing activities to assure that building interiors are not
   exposed to potential rain damage.

PART 2  MATERIALS

2.01  ASBESTOS-CONTAINING MATERIALS

A. DPS Environmental Services maintains material and inventory information for asbestos-containing and non-
   asbestos-containing materials that are available by hard copy at the school or facility and electronically by
   request.

B. Materials not detailed in DPS reports should be considered to be asbestos-containing until proven otherwise by
   a certified inspector.

C. DPS Environmental Services maintains records and information regarding the presence of asbestos-
   contaminated crawlspaces and attics. Records of known buried structures or soils with the potential of asbestos-
   contamination are also available through DPS Environmental Services.

PART 3  EXECUTION

3.01  ASBESTOS-CONTAINING MATERIAL AND TRACE ASBESTOS-CONTAINING MATERIAL
   REMOVAL
A. Specific requirements including permitting, friable removable, non-friable removal, trace removal, consultant requirements, etc. are detailed with the included Asbestos Abatement Standard Requirements. Any deviation from requirements in the document must first be discussed and approved by DPS Environmental Services.

3.02 REGULATED ASBESTOS-CONTAINING SOILS
A. Specific requirements for the response handling, abatement, and management of regulated asbestos-containing soil is provided by the CDPHE Hazardous Solid Waste division. See Section #5 of the CDPHE Hazardous material and Waste Management Division 6 CCR 1007-2, Part 1 for specific requirements. All activities involving the disturbance of asbestos-containing soil and/or other buried debris must comply with the above regulation and involve DPS Environmental Services for planning and execution.

3.03 ROOFING REMOVAL
A. Remove asbestos-containing roofing materials in a manner which limits the amount of abrasion, breakage, etc., to asbestos-containing roofing materials.
B. Cut and remove roofing materials from areas indicated.
C. Disposal:
   1. Place asbestos-containing materials in approved containers and transport to approved disposal sites.
   2. Dispose of asbestos-containing roofing materials per all applicable federal, state and local regulatory requirements for disposal.
   3. Disposal shall be made at an approved non-friable waste disposal site.
   4. Waste manifests shall be delivered to DPS Environmental Services, which documents proper waste disposal.
D. Site protection:
   1. Cease removal of roofing in advance of anticipated precipitation. Allow sufficient time for re-roofing and or temporary roofing to be applied so that the building will be watertight.
   2. For the protection of ground-level site components from asbestos contamination, the Contractor shall lay sheets of polyethylene on the ground around the building at locations where asbestos-containing roof materials could spill over onto the site.
   3. Upon completion of asbestos roofing removal, dispose of these polyethylene sheets in the same manner as asbestos roofing materials.

3.04 ATTACHMENTS
A. DPS Environmental Services – Asbestos Abatement Standard Requirements document
B. Asbestos Certification Letter for New Installed Building Materials form
C. Environmental Assessment Report Acknowledgement form

END OF SECTION 02 82 00