PLAINTIFF'S
EXHIBIT
DUP-762

GUIDELINES: MANAGEMENT OF MATERIALS WHICH CONTAIN ASBESTOS OR OTHER RESPIRABLE FIBERS

OBJECTIVE: TO ENSURE THAT ASBESTOS CONTAINING MATERIALS ARE NOT USED WHEN FEASIBLE SUBSTITUTES ARE AVAILABLE AND TO MANAGE PREVIOUSLY INSTALLED ASBESTOS CONTAINING MATERIALS AND SUBSTITUTES IN A WAY THAT CONTROLS THE RELEASE OF RESPIRABLE FIBERS AND ENSURES THAT WASTE IS DISPOSED OF SAFELY AND IN AN ENVIRONMENTALLY SOUND MANNER. THIS GUIDELINE APPLIES TO DU PONT AND CONTRACT OPERATIONS AND LEASED FACILITIES.

PROCEDURES AND IMPLEMENTATION:

- DEFINITIONS

  ASBESTOS INCLUDES CHRYSOTILE, AMOSITE, CROCIDOLITE, TREMOLITE ASBESTOS, ANTHOPHYLLITE ASBESTOS, ACTINOLITE ASBESTOS, AND ANY OF THESE MINERALS THAT HAVE BEEN CHEMICALLY TREATED AND/OR ALTERED.

  OTHER RESPIRABLE FIBERS INCLUDE FIBERS OF REFRACTORY CERAMIC, SILICON CARBIDE WHISKERS, MINERAL WOOL, FIBER GLASS WOOL, PARA-ARAMID PULP AND STAPLE, AND CERTAIN THIN CARBON FIBERS. RESPIRABLE MEANS FIBERS WITH DIAMETERS LESS THAN 3 UM, LENGTHS GREATER THAN 5 UM, AND LENGTHS AT LEAST 3 TIMES DIAMETER.

- USE OF ASBESTOS CONTAINING MATERIALS AND SUBSTITUTES

  1. NON-ASBESTOS CONTAINING PRODUCTS SHALL BE USED FOR NEW INSTALLATIONS OR TO REPLACE EXISTING ASBESTOS CONTAINING MATERIALS, WHEN TECHNICALLY FEASIBLE, EVEN IF THEY ARE MORE EXPENSIVE.
  2. UNUSED ASBESTOS CONTAINING MATERIALS IN STORAGE SHALL NOT BE USED UP, BUT DISPOSED OF PROPERLY.
  3. IN THE FOLLOWING LIST, SUBSTITUTE MATERIALS ARE ORDERED BY PREFERENCE BASED ON HEALTH HAZARD. THE MATERIAL THAT IS NEAREST THE TOP OF THIS LIST, AND MEETS THE REQUIRED PROPERTIES OF THE APPLICATION MUST BE USED.

     (i) NON-FIBROUS MATERIALS (e.g. POLYCYANURATE, POLYURETHANE, OTHER FOAMS).

     (ii) FIBROUS MATERIALS WITH DIAMETERS GREATER THAN 3 UM INCLUDING CELLULOSE, FIBER GLASS FILAMENT, SOME CARBON FIBERS AND MOST SYNTHETIC ORGANIC FIBERS (e.g. PARA-ARAMID FILAMENT, RAYON AND POLYESTER).

     (iii) DURABLE FIBERS WITH DIAMETERS LESS THAN 3 UM INCLUDING FIBER GLASS WOOL, MINERAL WOOL, PARA-ARAMID PULP AND STAPLE AND CERTAIN THIN CARBON FIBERS,

     (iv) WHEN LESS HAZARDOUS MATERIALS ARE NOT SUITABLE, FIBERS DESIGNATED AS "BIG C" IN THE COMPANY HAZARD DETERMINATION (REFRACTORY CERAMIC FIBERS OR SILICON CARBIDE WHISKERS).

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- MANAGEMENT OF ASBESTOS AND OTHER RESPIRABLE FIBERS

  THESE MATERIALS SHALL BE MANAGED IN A WAY THAT MINIMIZES THE RELEASE OF FIBERS. EACH SITE WILL:

  1. INVENTORY AND DOCUMENT THE ON-SITE LOCATION AND TYPE OF RESPIRABLE FIBERS USED IN MANUFACTURING OR CONTAINED IN PREVIOUS OR NEW INSTALLATIONS. MATERIALS NOT IDENTIFIED MUST BE ASSUMED TO BE ASBESTOS AND MANAGED ACCORDINGLY.

  2. PERIODICALLY INSPECT THE INTEGRITY OF INSTALLATIONS THAT MAY BECOME DAMAGED OR FRIABLE AND CORRECT REPORTED DAMAGE APPROPRIATELY.

  3. MAINTAIN UP-TO-DATE WORK PROCEDURES AND REQUIRE SAFE WORK PRACTICES FOR ALL WORK WITH THESE MATERIALS. THIS APPLIES TO BOTH COMPANY PERSONNEL AND CONTRACTORS.

- DISPOSAL OF ASBESTOS AND OTHER RESPIRABLE FIBERS

  EACH DEPARTMENT WILL PACKAGE, TRANSPORT, AND DISPOSE OF WASTE IN A WAY THAT PREVENTS THE RELEASE OF ASBESTOS AND OTHER RESPIRABLE FIBERS AND WHICH COMPLIES WITH NATIONAL, STATE, AND LOCAL REGULATIONS, INCLUDING NON-U.S.

  1. SEAL FRIABLE WASTE MATERIALS IN A PROPERLY PACKAGED AND LABELLED MANNER.

  2. DISPOSAL OF ASBESTOS AND OTHER RESPIRABLE FIBERS WILL BE ACCOMPLISHED THROUGH USE OF CONTAINMENT OPTIONS (E.G. LANDFILLING). ALL LANDFILLS USED SHALL BE APPROVED FOR ASBESTOS DISPOSAL BY THE PERTINENT NATIONAL, STATE OR LOCAL AUTHORITY. LANDFILLS USED FOR DISPOSAL OF ASBESTOS AND OTHER RESPIRABLE FIBERS SHALL INITIALLY AND PERIODICALLY BE SUBJECT TO A CORPORATE AUDIT.

  3. OBTAIN GUIDANCE FROM THE CORPORATE ENVIRONMENTAL AFFAIRS DIVISION ON USE OF ANY OTHER METHODS OF TREATMENT AND DISPOSAL OF WASTE (E.G., VITRIFICATION, GLASSIFICATION, SOLIDIFICATION, NON-ASBESTOS LANDFILL, ETC.).

  4. RETAIN DOCUMENTATION AND RECORDS (MANIFESTS) ON THE TRANSPORTATION, TREATMENT, AND ULTIMATE DISPOSAL OF WASTE ASBESTOS AND OTHER RESPIRABLE FIBERS FOR THREE YEARS, UNLESS LONGER RETENTION IS REQUIRED BY REGULATIONS.

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