

MISCELLANEOUS METHODS,
PROCEDURES, AND DETAILS

DATE DOW 5 1973

PROCESS INSULATION
STANDARD ENGINEERING SPECIFICATIONIDENTIFICATION OF INSTALLED
ASBESTOS-BEARING INSULATION

ISSUED	JULY 1975
THIS PAGE REVISED	JUNE 1979
STANDARD REAPPROVED	JUNE 1979

SN 218 P

Page 1 of 2

1. SCOPE

1.1 This specification provides information for a standardized method of identifying installed insulation which contains free asbestos fibers or insulation of unknown asbestos content.

1.2 This specification is applicable only for identifying installed insulation which has a questionable free asbestos fiber content. Obviously, materials such as cellular glass, glass fiber, mineral wool, polyurethane foam, and polystyrene foam do not contain asbestos fibers and, therefore, do not need to be marked for identification.

1.3 Follow this specification only at locations where such identification is required by the operating department and the plant does not have a conflicting established identification procedure.

2. CONDITIONS

2.1 From an installed insulation viewpoint, specific areas on a site are classified as follows:

2.1.1 Condition I. New facilities on which no insulation containing free asbestos fibers was installed. This could be an entire site or a segregated building on a site.

2.1.2 Condition II. New additions to existing buildings which can be clearly defined by designated column lines or a defined plane through the building. The addition does not contain any insulation containing free asbestos fibers.

2.1.3 Condition III. Existing areas which are modified by the addition of insulated lines or equipment.

2.1.4 Condition IV. Existing areas in which existing insulation is being replaced.

3. TYPE OF IDENTIFICATION

For identification, place strategically located strips of appropriately marked tape around the circumference of the pipe finish or on the equipment finish. Position the tape so as to indicate the type of insulation used with the arrows pointing down the line in the direction in which the indicated insulation runs (see Figure 1).

4. PLACEMENT OF IDENTIFICATION -
WHEN REQUIRED

4.1 Condition I. Individual insulated lines or equipment pieces in new facilities or segregated buildings in which

no insulation containing free asbestos was installed, do not require identification. At turnover, the local construction organization is to notify the plant that the facility is free of materials containing free asbestos fibers.

4.2 Condition II. Individual insulated lines or equipment pieces in clearly defined additions in which no insulation containing free asbestos fibers was installed, do not require identification. In lieu of marking individual lines or equipment pieces, place strips of tape strategically along the plane that defines the building addition. Locate the tape on selected columns, beams, walls, or ceilings, to clearly identify the plane at which the asbestos-free insulation starts. Apply two parallel strips of tape. Position one piece of tape with the arrows orientated to indicate that, from that point on, all insulation is nonasbestos. Position a second piece of tape with the arrows orientated to indicate that, from that point back, the insulation may contain free asbestos fibers.

4.3 Condition III. Individually mark all new insulated lines and equipment pieces installed as additions or modifications in existing areas to indicate insulation asbestos content. Where asbestos-free insulation is installed on a pipeline, place a strip of tape around the circumference of the finish at the points where the pipe goes through a wall or partition. Orient the arrows to indicate that the line inside the room has asbestos-free insulation. Where a tie-in is made to a line insulated with a material of unknown asbestos content, identify the junction of the insulation by parallel pieces of tape around the circumference of the finish. Position one piece of tape to indicate that, from that point on, the insulation is asbestos-free. Place a second piece of tape with the arrows orientated to indicate that, from that point on, the insulation may contain free asbestos fibers.

4.4 Condition IV. Where insulation is being replaced in an area of unknown asbestos content, by asbestos-free insulation, identify the replacement insulation by a strip of tape placed around the circumference of the pipe finish or at strategic locations on equipment pieces. Where a line running from wall-to-wall is reinsulated, place a piece of tape at the points where the pipe goes through a wall or partition. Orient the arrows to indicate that the line inside the room has asbestos-free insulation. Where a portion of the insulation is replaced, identify the junction of the existing and replacement insulation by parallel pieces of tape around the circumference of the finish. Place one piece of tape to indicate that, from that point on, the insulation is asbestos-free. Place a second piece of tape with the arrows orientated to indicate that, from that point on, the insulation may contain free asbestos fibers.

NOTE - THIS DOCUMENT IS THE PROPERTY OF E. I. DU PONT DE NEMOURS AND COMPANY. THE TECHNICAL INFORMATION HEREON MAY NOT BE USED NOR REPRODUCED WITHOUT THE PERMISSION OF DU PONT.

SUBCOMMITTEE NO. 23



DUP 0906909

121454