

11/10/66 REV. 5-65



E. I. DU PONT DE NEMOURS & COMPANY
WILMINGTON, DELAWARE 19898

TEXTILE FIBERS DEPARTMENT

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ASBESTOS INSULATION IDENTIFICATION

Paragraph 5 of the Textile Fibers Department guidelines on Asbestos Dust Exposure states:

"All asbestos free insulation shall be identified by appropriate marking (color code, tape, printing, etc.) in keeping with existing plant safety and housekeeping standards. Construction will identify asbestos free insulation in a manner acceptable to plant management."

The Construction Division has proposed the following identification procedures to fulfill their responsibility.

Condition I - New buildings or facilities within well defined areas where only asbestos free insulation has been applied.

Identification Method - At turnover the Construction Division Engineer will advise the operating department that the entire facility is free of asbestos bearing insulation materials. Tie-in points where existing service and/or process lines are extended to the new facility will be marked as follows.

One complete wrap of white on red, ASB, tape will be applied at the point where the existing line had been terminated with arrows pointing in the direction of the existing system.

One complete wrap of white on blue, NA, tape will be applied where the new line has extended the existing system with arrows pointing in the direction of the new system.

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

Identification Method - Same as for Condition I except that identification tape may be placed on column lines or walls to designate insulation types. One piece of tape (NA) positioned with arrows pointing toward the new facility defining use of nonasbestos bearing insulation. A second parallel piece of tape (ASB) with arrows oriented toward the existing facility designating the possible existence of asbestos bearing insulation.

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

Identification Method - All new insulated lines and equipment pieces installed as additions or modifications in existing areas are to be individually marked to indicate insulation asbestos content. Where asbestos free insulation is installed on a pipeline, a strip of tape is to be placed around the circumference of the finish at the points where the pipe goes through a wall or partition. The arrows are to be oriented 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, the junction of the insulation is to be identified by parallel pieces of tape around the circumference of the finish. One piece of tape is to be positioned to indicate that, from that point on, the insulation is asbestos free. A second piece of tape is to be positioned with the arrows oriented to indicate that, from that point on, the insulation may contain asbestos fibers.

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

Identification Method - Where insulation is being replaced in an area of unknown asbestos content, by asbestos free insulation, the replacement insulation is to be identified 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, a piece of tape is to be placed at the points where the pipe goes through a wall or partition. The arrows are to be oriented to indicate that the line inside the room has asbestos free insulation. Where a portion of the insulation is replaced, the junction of the existing and replacement insulation is to be identified by parallel pieces of tape around the circumference of

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the finish. One piece of tape is to be positioned to indicate that, from that point on, the insulation is asbestos free. A second piece of tape is to be positioned with the arrows pointing to indicate that, from that point on, the insulation may contain asbestos fibers.

Sample pieces of the tape referred to above are attached.

Please review this proposal and submit your comments to me by November 15th. Any questions should be referred to the writer.

ENGINEERING DIVISION


J. G. Plasky
Engineering Assistant

JGP/psl
Attach.

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