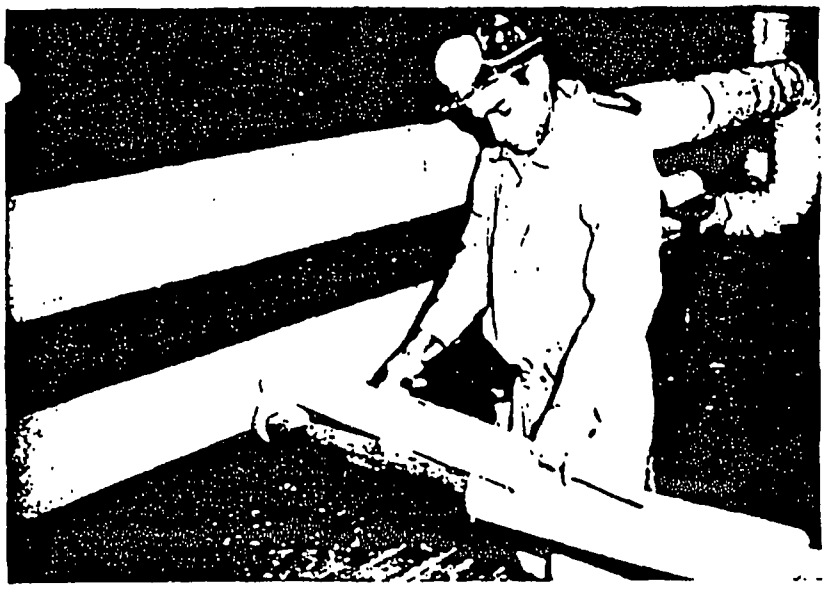


Jack Stevenson participating in the field trials of disposable overalls held in Wilmington, Delaware on June 5.

(Continued from first page)

tore easily, if they were inexpensive, or if durable, they were costly.

This problem no longer exists. A variety of manufacturers make disposable overalls of Tyvek and typical costs are about $1.50 per garment. Moreover, there was little problem with the material tearing in the garments tested. Thus durable, disposable overalls can be obtained at a cost of less than 2% of that of the employer's wage costs. If uniformly made available by contractors in an area, such costs can simply be included in any contract estimate.

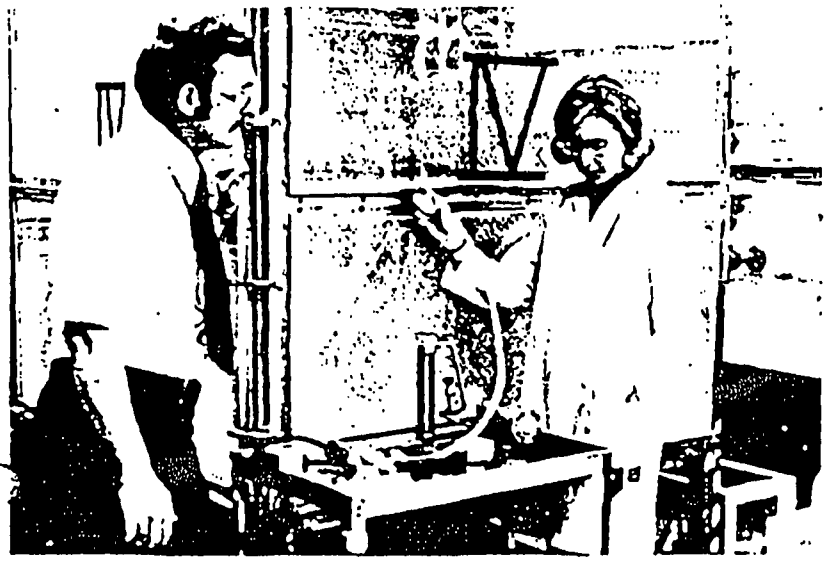
Laboratory tests also indicated the suitability of Tyvek overalls for insulation work. Tests were conducted by IIHRP and Dupont personnel at Dupont's Haskell Laboratory for Industrial Hygiene and Toxicology to measure the penetration of asbestos fibers through Tyvek and other material and to determine the adhesion of fibers to the material.

The results of these laboratory tests showed the Tyvek material to be relatively resistant to the penetration of asbestos fibers *from* insulation material. Moreover, in contrast to wool or cotton garments, it was found that asbestos fibers will not readily adhere to Tyvek garments.

One disposable overall has been tested and found suitable under appropriate temperature conditions. Others, perhaps equally suitable, may also exist. While not the perfect answer to the problem of bringing asbestos and other insulation dusts home on work clothes, disposable overalls are the most practical solution at this time. What now must be accomplished is to make their availability widespread.



As the temperature mounted to 94° during the field trials of the disposable overalls some soon became indeed disposable.



Glenn White and Constance Eddy of E. I. Dupont de Nemours and Company participating in the laboratory test of the overall material.

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doesn't even reach the change area, it isn't going any farther.

The best available way to accomplish this is for workmen to wear coveralls which can be removed on the job and disposed of with other construction waste. This practice, together with the availability of change rooms and strict attention to their clean up, will go far towards eliminating household contamination.

Asbestos Worker Questionnaire Replies

Facilities and supplies for clothes change were available:

All the time (100%)	1291
Usually (50-75% of the time)	940
Occasionally (1-49% of the time)	872
Never (0%)	1964