

FILE NAME: Asbestos Textile Product Use (ATPU)

DATE: 1968

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CC

277 NO. 22

PROPOSAL FOR A VISIT TO THE WORKS

OF THE CENTRAL MANUFACTURING & TRADING CO. LTD.

NAME, ADDRESS AND TELEPHONE NUMBER OF VISITOR Central Manufacturing & Trading Co. Ltd., Rotherston, Dudley,
Worcs. 0584-60434

DATE OF VISIT 8.10.68

OFFICIALS PRESENT Mr. R. Edwards, Works Manager,
Machining & Sawing Shop Foreman.

GENERAL COMMENTS

TESTS

A series of 13 tests was taken in the Machining & Sawing Shops and in the Stockroom. The results and more detailed comments are given on the attached sheets. From those results, it becomes evident, that the dust extraction systems, especially in the Sawing Shop will need to be improved if the new Regulations are to be met.

DISCUSSION

The Draft Asbestos Regulations 1968 were discussed in detail with Mr. Edwards with special attention to the proposed Threshold Limit Values for asbestos dust, the provisions for handling crocidolite and for the disposal of waste.

GENERAL

The time available did not allow more tests to be taken. However, it would be useful if a further visit could be paid to C.M.T. to take samples when other materials are being cut. The survey could also be extended to the Pressing Shop and the Stores where asbestos coated textiles and raw fibre, including some bags of crocidolite are stored and handled.

At the request of Mr. Edwards, a list is attached showing the dust masks approved by the Asbestosis Research Council.

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REF. NO. 22

PRODUCT Natural Grey "SILVER" 70"
OPERATION Slotting with Interwood router
LOCATION Sawing Shop
DUST EXTRACTION
EQUIPMENT Common Unit
OTHER PROTECTIVE
MEASURES Overalls only
SAMPLING METHOD Draeger
VOLUME SAMPLED C.C. 600
CONCENTRATION P.C.C. 30.6
COMMENTS

The comments made on the previous sample on the router also apply here.

PRODUCT Millboard MB.501
OPERATION Sawing with Robinson's circular saw using toothed wheel
LOCATION Sawing Shop
DUST EXTRACTION
EQUIPMENT Gordon Stevenson "Acoustical" unit
OTHER PROTECTIVE
MEASURES Overalls only
SAMPLING METHOD Draeger
VOLUME SAMPLED C.C. 900
CONCENTRATION P.C.C. 5.5
COMMENTS

This is a very considerable improvement on the concentrations found on the other saws and it is reasonable to believe that the Gordon Stevenson unit, in this application at least, is more efficient than the common unit.

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REF. W. 22

PRODUCT Flat Sheets, Semi-CompressedOPERATION De-stacking. 2 operativesLOCATION Stock area adjoining Sawing Shop.DUST EXTRACTIONEQUIPMENT N.A.OTHER PROTECTIVEMEASURES Overalls onlySAMPLING METHOD DraegerVOLUME SAMPLED C.C. 2,000CONCENTRATION P.C.C. 1.6COMMENTS

Some of the fibres counted here will have come from the adjoining Sawing Shop

PRODUCT Wallboard MB.501OPERATION Stacking and de-stacking from jack truck. 2 operativesLOCATION StockroomDUST EXTRACTIONEQUIPMENT N.A.OTHER PROTECTIVEMEASURES Overalls onlySAMPLING METHOD DraegerVOLUME SAMPLED C.C. 1,000CONCENTRATION P.C.C. 16.6COMMENTS

The two operatives engaged on this work appeared to be less than 16 years of age. When the New Regulations come into force, it will be illegal to engage Young Persons on work where such concentrations of dust are present.

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REF. NO. 22

PROJECT Millboard 13.50:
OPERATION Drilling with Donogh K.1 drill
LOCATION Machining Shop
DUST EXTRACTION
EQUIPMENT #11
OTHER PROTECTIVE
MEASURES Overalls only
SAMPLING METHOD Draeger
VOLUME SAMPLED C.C. 1,000
CONCENTRATION P.C.C. 2.3
COMMENTS

PROJECT } Background reading during operations
OPERATION } listed above.
LOCATION Machining Shop
DUST EXTRACTION
EQUIPMENT Natural
OTHER PROTECTIVE
MEASURES Overalls only
SAMPLING METHOD Dymek pump
VOLUME SAMPLED C.C. 6,000
CONCENTRATION P.C.C. 3.0
COMMENTS

As a 'background' reading, this concentration is higher than expected and it is possible that it does not reflect the general level of dust in the Machining Shop with complete accuracy.

It would be desirable to make a check test in this case.