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0080 0086 04 10

NAME, ADDRESS AND Central Manufacturing & Grading Co. Ltd., Rotherton, Dudley,
TELEPHONE NUMBER OF OCCUPIER Worcs. Cwbl-69434

DATE OF VISIT 8.10.68

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

GENERAL COMMENTS

TESTS

A series of 18 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.G. to take samples when other materials are being cut. The survey could also be extended to the Pressing Shop and the Stores where asbestos based 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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CONFIDENTIAL

REF. NO. 22

PRODUCT Natural Grey "SUNDAYO"

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 F.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 "Woodsmith" unit

OTHER PROTECTIVE MEASURES Overalls only

SAMPLING METHOD Draeger

VOLUME SAMPLED C.C. 900

CONCENTRATION F.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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CONFIDENTIAL

REP. W.22

PRODUCT Flat Sheets, Semi-Compressed

OPERATION De-stacking. 2 operatives

LOCATION Stock area adjoining Sawing Shop.

DUST EXTRACTION EQUIPMENT N.A.

OTHER PROTECTIVE MEASURES Overalls only

SAMPLING METHOD Dracger

VOLUME SAMPLED C.C. 2,000

CONCENTRATION F.C.C. 1.6

COMMENTS

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

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PRODUCT Millboard MB.501

OPERATION Stacking and de-stacking from fork truck. 2 operatives

LOCATION Stockroom

DUST EXTRACTION EQUIPMENT N.A.

OTHER PROTECTIVE MEASURES Overalls only

SAMPLING METHOD Dracger

VOLUME SAMPLED C.C. 1,000

CONCENTRATION F.C.C. 16.6

COMMENTS

The two operatives engaged on this work appeared to be less than 18 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.

CONFIDENTIAL

REF. NO. 22

PRODUCT Hillboard HB.501

OPERATION Drilling with Denbigh K.1 drill

LOCATION Machining Shop

DUST EXTRACTION EQUIPMENT Nil

OTHER PROTECTIVE MEASURES Overalls only

SAMPLING METHOD Dreager

VOLUME SAMPLED C.C. 1,000

CONCENTRATION F.C.C. 2.3

COMMENTS

PRODUCT } Background reading during operations
OPERATION } listed above.

LOCATION Machining Shop

DUST EXTRACTION EQUIPMENT Natural

OTHER PROTECTIVE MEASURES Overalls only

SAMPLING METHOD Dynax pump

VOLUME SAMPLED C.C. 6,000

CONCENTRATION F.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.