

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1260

GUIDE TO THE USE OF ISO RECOMMENDATION R 390,
"SAMPLING AND INSPECTION OF ASBESTOS-CEMENT PRODUCTS"

1st EDITION

November 1970

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Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

FOREWORD

The ISO Recommendation R 390, *Sampling and inspection of asbestos-cement products*, was drawn up by Technical Committee ISO/TC 77, *Products in asbestos-cement*, the Secretariat of which is held by the Association Suisse de Normalisation.

The Committee has studied the American Military Standards 105 B* and 414 and has used many of the principles underlying these in the drawing up of ISO Recommendation R 390. It was felt, however, that the relationship between manufacturer and purchaser of asbestos-cement products is very often quite different from the typical relationship in military procurements. For this and various other reasons the Committee decided to prepare its own Recommendation concerning asbestos-cement products and an associated Guide.

With respect to the Guide it is also appropriate to refer to additional works of a more extensive character, for example :

- (1) Administration of sampling procedures for acceptance inspection, Handbook H 105, Department of Defense, Washington D.C., 1954**.
- (2) Defence guide to sampling inspection, Ministry of Defence, London, 1962***.
- (3) Mathematical and statistical principles underlying Military Standard 414, Department of Defense, Washington D.C., 1958.

Anybody interested in systems of sampling inspection will profit from reading these handbooks.

The present Guide, however, has the much more limited purpose of explaining the use of the very simple collection of sampling plans in ISO Recommendation R 390 which represents a balanced compromise between theoretical statistical points of view and practical economical considerations. It is the hope of the Committee that the sampling plans will prove applicable in practice, and they will certainly give a safer basis for the distinction between good and inferior material than do the rules and methods hitherto used, thus providing greater protection to the user.

The sampling plans recommended have approximately the same properties as certain plans for which the *acceptable quality level (AQL)* is equal to 4 % in the Military Standards studied.

The Committee has found it useful to include in the Guide an additional section dealing with the conditions under which a rejected lot may be resubmitted for inspection.

* The latest edition is now (1969) No. 105 D.

** The latest edition is now (1969) : H 53, Guide to sampling inspection.

*** The 1966 edition of the Defence Guide has not been taken into account by the Committee.