

(PREVIEW)

IS : 7247 (Part IV) – 1975

Indian Standard

**CODE OF PRACTICE FOR
FUMIGATION OF AGRICULTURAL PRODUCE**

**PART IV ETHYLENE DICHLORIDE AND
CARBON TETRACHLORIDE MIXTURE**

1. SCOPE

1.1 This standard (Part IV) prescribes dosage and duration of exposure, precautions in handling and method of fumigation with ethylene dichloride-carbon tetrachloride mixture for pest control in stored agricultural produce and inputs.

FOREWORD

0.1 This Indian Standard (Part IV) was adopted by the Indian Standards Institution on 30 June 1975, after the draft finalized by the Storage Structures and Storage Management Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 Use of fumigants becomes necessary for pest control in various commodities including agricultural produce. Fumigants are, however, effective only under airtight conditions and, therefore, airtight condition is a pre-requisite for carrying out the fumigation. Further, it is necessary to choose the fumigant taking into consideration the likely reaction of the fumigant with the material to be fumigated; possible hazards to the operators, the area where the fumigation is to be carried out, and the time available for effecting fumigation. For the fumigation operation not only the operators who are actually going to carry out the fumigation are required to be trained, but they should be fully conversant with the various implications of the operation that is proposed to be carried out.

0.3 A series of Indian Standards is, therefore, being issued covering the selection, safety, and suitable application techniques of various fumigants. This standard covers EDCT mixture. It is hoped that adoption of these standards by storage units and export inspection agencies, both in the public and private sector, will promote efficiency, economy and safety.