

(PREVIEW)
Indian Standard
TEST CODE FOR
POWER THRESHER FOR CEREALS

FOREWORD

0.1 This Indian Standard (Second Revision) was adopted by the Indian Standards Institution on 24 October 1985, after the draft finalized by the Harvesting and Threshing Equipment Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 This standard was first published in 1971 and revised in 1975. While implementing the standard, some difficulties were faced by the testing authorities. A need was, therefore, felt to revise this standard. The present revision incorporates *inter alia* following changes:

- a) Earlier version was meant for power threshers for wheat where as in this revision scope has been enlarged to cover threshers for cereals,
- b) Checking of the safety provisions in details has been included,
- c) Method of moisture determination for straw has been included, and
- d) Specific reference has been made for those tests which are to be conducted for certification purposes.

0.3 In one of the conventions of Indian Society of Agricultural Engineers it was suggested that root mean square (RMS) power value should be used as thresher power rating instead of present technique of mean value. While considering this suggestion, committee was of the view that at present no testing station is equipped with the instrumentation for recording RMS value and decided to continue the present method of recording mean value.

0.4 In preparation of this standard, assistance has been derived from the Central Farm Machinery Testing and Training Institute, Budni.

0.5 In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off it shall be done in accordance with IS : 2-1960*.

1. SCOPE

1.1 This standard prescribes the method for testing of power thresher for cereals to evaluate its performance and durability.

*Rules for rounding off numerical values (*revised*)