
पिग हुक — विशिष्टि
(पहला पुनरीक्षण)

Pig Hook — Specification
(First Revision)

ICS 65.040.20

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FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Slaughter House and Meat Industry Sectional Committee had been approved by the Food and Agriculture Division Council.

Pig hooks, also known as gambrels, are an important tool used in slaughter houses during the processing of pigs. Pig hooks are used to suspend and hang pig carcasses in a secure and stable manner. Pig hooks play a crucial role in a slaughterhouse by facilitating the handling, transportation, bleeding, inspection, and processing of pig carcasses.

In order to provide guidance to manufacturers and facilitate quality manufacturing of pig hooks, this Indian Standard was originally published in the year 1973. In this revision, the raw material requirement of the hook has been modified in order to align the requirements with latest technological advancements and industrial practice. Also, the standard has been brought out in the latest style and format of the Indian Standards.

The composition of the Committee responsible for the formulation of this standard is given in [Annex A](#).

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Indian Standard
PIG HOOKS — SPECIFICATION
(First Revision)

1 SCOPE

This standard specifies requirements in respect of material, dimensions, strength and other requirements of S-shaped pig hooks.

2 REFERENCES

The standards given below contain provisions which through reference in this text, constitute provision of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of these standards:

<i>IS No.</i>	<i>Title</i>
IS 6628 : 2023	Slide rails for use in abattoirs — Specification (<i>first revision</i>)
IS 6911 : 2017	Stainless steel plate, sheet and strip — Specification (<i>second revision</i>)

3 REQUIREMENTS**3.1 Material**

Pig hook shall be made of stainless steel of designation SS 304 (Austenitic X04Cr19Ni9) or SS 316 (Austenitic X04Cr17Ni12 Mo2) conforming to IS 6911.

3.2 Dimensions

Dimensions of S-shaped pig hooks is given in [Fig. 1](#) for guidance.

3.3 The weight of a hook shall be $185 \text{ g} \pm 5 \text{ percent}$.

3.4 The hook shall not bend when a load of 120 kg is applied.

3.5 Workmanship and Finish

The hook shall be free from flaws, burrs, pits and sharp edges and should be of uniform weight.

4 MARKING

4.1 Manufacturer's name or trade-mark and batch or code number embossed at a convenient place.

4.2 BIS Certification Marking

The product(s) conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the *Bureau of Indian Standards Act, 2016* and the Rules and Regulations framed thereunder, and the products may be marked with the Standard Mark.

5 PACKING

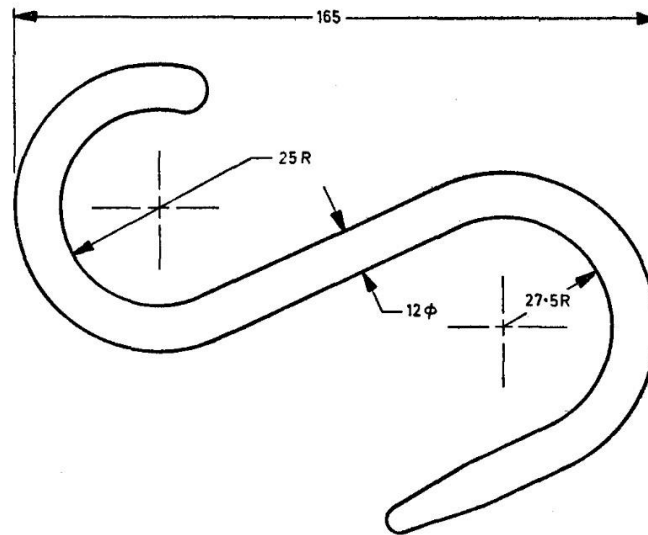
The hooks shall be packed in wooden boxes or as agreed to between the manufacturer and the purchaser.

6 SAMPLING

The method of drawing representative samples of pig hooks and the criteria for conformity shall be as given in IS 6628.

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All dimensions in millimetres.

FIG. 1 A TYPICAL S-SHAPED PIG HOOKS

ANNEX A

(Foreword)

COMMITTEE COMPOSITION

Slaughter House and Meat Industry Sectional Committee, FAD 18

<i>Organization</i>	<i>Representative(s)</i>
National Research Centre on Meat, Hyderabad	DR S. B. BARBUDDHE (<i>Chairperson</i>)
Agricultural & Processed Food Products Export Development Authority (APEDA), New Delhi	SHRI UMESH KUMAR MS SAMIDHA GUPTA (<i>Alternate</i>)
All India Meat and Livestock Exporters Association, Mumbai	DR N. KONDAIAH
Animal Welfare Board of India, Balabgarh	DR SUJIT KUMAR DUTTA SHRIMATI PRACHI JAIN (<i>Alternate</i>)
AOV Exports Private Limited, Noida	SHRI AJAY TANDON
Association of Meat Scientists and Technologists (AMST), Chennai	DR V. APPA RAO
Confederation of Indian Food & Trade Industry & Industry, New Delhi	SHRI KANNAN B. MS VARSHA YADAV (<i>Alternate</i>)
CSIR - Central Food Technological Research Institute, Mysuru	DR TANAJI KUDRE
CSIR - Central Leather Research Institute, Chennai	DR T. S. UMA
CSIR - National Environmental Engineering Research Institute (NEERI), Nagpur	DR GIRISH POPHALI
Deonar Slaughterhouse, Mumbai	DR YOGESH JAYPRAKASH SHETYE DR KALIMPASHA AHMEDKHAN PATHAN (<i>Alternate</i>)
Export Inspection Council of India, New Delhi	DR S. K. SAXENA DR AMIT SHARMA (<i>Alternate</i>)
Food Safety and Standards Authority of India, New Delhi	DR FIRDAUS JAHAN
Indian Meat Science Association, Hyderabad	DR GIRISH PATIL S. DR RAJEEV RANJAN SINGH (<i>Alternate</i>)
Indian Poultry Science Association, Izatnagar	DR JAYDEEP ROKADE
Indian Stainless Steel Development Association (ISSDA), Gurugram	SHRI ROHIT KUMAR SHRI RAJEEV GUPTA (<i>Alternate</i>)
Indian Veterinary Research Institute, Izatnagar	DR A. R. SEN DR SUMAN TALUKDER (<i>Alternate</i>)
Jindal Stainless Steel, Gurugram	SHRI NIMISH GOYAL MS NISHA GOYAL (<i>Alternate</i>)

<i>Organization</i>	<i>Representative(s)</i>
Kerala Veterinary and Animal Sciences University, Thrissur	DR SUNIL B. DR VASUDEVAN V. N. (<i>Alternate</i>)
Ministry of Food Processing Industries, New Delhi	DR G. SRINIVASAN
Municipal Corporation of Delhi, New Delhi	DR V. K. SINGH DR AKHILESH KAMAL (<i>Alternate</i>)
National Research Centre for Pig, Guwahati	DR R. THOMAS
National Research Centre on Meat, Hyderabad	DR M. MUTHUKUMAR
People for Ethical Treatment of Animals, Mumbai	DR KIRAN AHUJA DR BANDHANPREET KAUR (<i>Alternate</i>)
Rajiv Gandhi Institute of Veterinary Education and Research (RIVER), Puducherry	DR P. K. MANDAL DR V. J. AJAY (<i>Alternate</i>)
Tamil Nadu Vet & Animal Sciences University, Chennai	DR R. NARENDRA BABU DR S. EZHILVELAN (<i>Alternate</i>)
In Personal Capacity (<i>Amity Institute of Food Technology, I - 1, 4th floor, Amity University, Sector 125, Noida - 201313</i>)	DR V. K. MODI
BIS Directorate General	SHRIMATI SUNEETI TOTEJA, SCIENTIST 'E'/ DIRECTOR AND HEAD (FOOD AND AGRICULTURE) [REPRESENTING DIRECTOR GENERAL (<i>Ex-officio</i>)]

Member Secretary
SHRI DEBASISH MAHALIK
SCIENTIST 'B'/ASSITANT DIRECTOR
(FOOD AND AGRICULTURE), BIS

Panel for Equipment Related Slaughter House and Meat Industry, FAD 18/P-4

<i>Organization</i>	<i>Representative(s)</i>
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ICAR - Indian Veterinary Research Institute, Izatnagar	DR RAVIKANT AGARWAL
National Research Centre for Pig, Guwahati	DR R. THOMAS

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Amendments Issued Since Publication

Amend No.	Date of Issue	Text Affected

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