

BUREAU OF INDIAN STANDARDS

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Doc.: PGD 04 (25778) WC

July 2024

भारतीय मानक मसौदा

दबाने के लिए उपकरण – गैस स्प्रिंग्स –

भाग 5: गैस स्प्रिंग्स के लिए सुरक्षा अनुदेश

Draft Indian Standard

Tools for Pressing — Gas Springs —

Part 5: Safety Instructions for Gas Springs

ICS 25.120.10

Metal Forming Machines Sectional Committee,
PGD 04

Last Date for Comments: **01-08-2024**

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 11901-5 : 2021 ‘Tools for Pressing — Gas-Springs — Part 5: Safety Instructions for Gas-Springs’ issued by the International Organization for Standardization (ISO) will be adopted by the Bureau of Indian Standards on the recommendation of the Metal Forming Machines Sectional Committee and approval of the Production and General Engineering Division Council.

This Standard describes the safety requirements for gas springs in accordance with ISO 11901-1, ISO 11901-3 and ISO 11901-4 intended for use in press tool and their correct installation instructions.

This Indian Standard is published in five parts. The other parts in this series are:

Part 1 General Specification

Part 2 Specification of accessories

Part 3 Gas spring with increased spring force and compact built height

Part 4 Gas springs with increased spring force and same built height

The text of ISO standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following

- a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current-practice is to use a point (.) as the decimal marker.

The standard also makes a reference to the BIS Certification Marking of the product. Details of which are given in National 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*)'.

NATIONAL ANNEX A

(National Foreword)

A-1 BIS CERTIFICATION MARKING

The product may also be marked with the Standard Mark.

A-1.1 The use of the Standard Mark is governed by the provisions of the Bureau of Indian Standards Act, 2016 and the Rules and Regulations made thereunder. The details of conditions under which the license for use of Standard Mark may be granted to manufacturers or producers may be obtained from the Bureau of Indian Standards.

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.

NOTE: The technical content of draft standard is not available on website. For details, please refer to ISO 11901-5 : 2021 or contact:

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