

Demonstration to the Manufacturers - Application for BIS certification

02 September 2025





Team from Certification Policy Departments
Bureau of Indian Standards

Structure of Presentation

- **Brief Overview**
 - Housekeeping Norms
 - OTR Regulation
- **Compliance to the OTR Regulation**
 - Registration & Certification
 - Guidance to the Stakeholders
- **Online module**
 - ManakOnline demo

Housekeeping Norms

- Doubts/Queries - **Be relevant to the context**
 - Type in the Chat-box 
 - Quote OTR Registration Number, **Name** and **Manufacturer**
 - Email: cmd1@bis.gov.in
- Resource Materials
 - Publicly available 
 - Presentation - scan QR code at last slide

Omnibus Technical Regulation (OTR)

- Notified by the Ministry of Heavy Industries
 - 28th August 2024 and amendment order dated 12 June 2025
- Certification implementation by BIS
 - Due to come into force from **01 September 2026**
 - Apply to machines and electrical equipment listed in the **1st Schedule**
 - Assemblies, Sub-assemblies and Components - **In ABEYANCE**
 - Doesn't apply for Exports and
 - Construction equipment covered in CMVR Rules - by M/o Road Transport & Highways
 - Goods covered under QCO orders issued under the BIS Act

Schedules in the OTR Order

- Three schedules
 - **1st** - List of Machinery and Electrical Equipment covered under OTR
 - **2nd** - Type B Standards (Generic Safety Standards dealing with one safety aspect or more than one type of safeguard that can be used across a wide range of machinery)
 - **3rd** - Type C Standards (Machine Safety Standards dealing with detailed safety requirements for a particular machine or group of machines)
- Type A Standard - Listed in the OTR
 - IS 16819:2018/ISO 12100:2010 (Safety of Machinery General Principles for Design - Risk Assessment and Risk Reduction)
- If a Type C standard deviates from technical provisions dealt with by Type A or Type B standard, Type C standard takes precedence

Prior Registration

- Information declaration by manufacturers such as
 - Name, Address (Factory & Office), PAN, GST
 - Contact details (email, office number, phone number)
 - Details of Management and Authorised person
- Register with information specific to the Machinery and Electrical Equipment
 - As listed in **1st schedule** of OTR
 - Name/type and Variety
- Online **portal** - manakonline.in/MANAK/ConformityAssessment
 - Registration feature for OTR
 - www.bis.gov.in >> Conformity Assessment >> Scheme-X Certification >> Link to registration portal (OTR)

User account for Portal and Online Registration

Session Time: 5

Welcome MANISH P JIVANI

Organisation Profile



Organisation Profile

Your Profile is **100%** complete. Click [here](#) to edit your Organisation profile

OTR Registration

Click here to Register with BIS as manufacturer of machinery or electrical equipment



Submitted OTR Registration

View & Edit Registration/ Submit Application for Certification

Submit Registration



Submitted Application(s)

0 Applications [View](#)

Licence(s)

0 Licence(s) [View](#)

Certificate(s)

0 Certificate(s) [View](#)

Draft Applications

0 Application(s) [View](#)

Payment Receipt

[View](#)

Certification Application

Session Time: 55m 22s

Bureau of Indian Standards
The National Standards Body of India

Home

Machinery And Electrical
Equipment Safety (Omnibus
Technical Regulation) Order, 2024[Back To MANAK](#)

Dashboard

**MACHINERY AND
ELECTRICAL EQUIPMENT
SAFETY
(OMNIBUS TECHNICAL
REGULATION)
ORDER, 2024**

Select OTR Regulation

To Do Calendar

August 2025						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

Tuesday
August 19, 2025
09:46:08 AM

User Details



Name :	MANISH P JIVANI
Email :	head[at]yopmail[dot]com
Role :	Applicant
User ID :	10086910

Apply for BIS Certification

- Licence to use BIS Standard Mark [*Continuous production*]
- Certificate of Conformity (CoC) [*Particular lot/batch*]
- Technical file for product - Grouping criteria
- Contents below



Product Description



Traceability Info



Compliance Report
(in-house and/or sub-contracted)



Specified Requirements



Design Drawings



Quality Assurance



Product Photos



Manufacturing Process



Usage Instructions



Manufacturer Details



Raw Materials



Other Requirements

Certification Application

Machinery Details

Machinery and Electrical Equipment

Select Machine

16. All types of Diesel Generator and (or) their assemblies/sub-assemblies /components

Remove Machine Category

type of machine

☒ Add Models

☒ Add Series

Models: **Add Models**

m1

+ Add Model

Series Name :

s1

Lead model in Series

☒ Lead m1, s1

Remove Machine Type

+ Add Model in Current Series

Remove Series

+ Add New Series

**Add Series OR Models
in same Series**

Add Machines

Add Machine Type in current category

Add Category

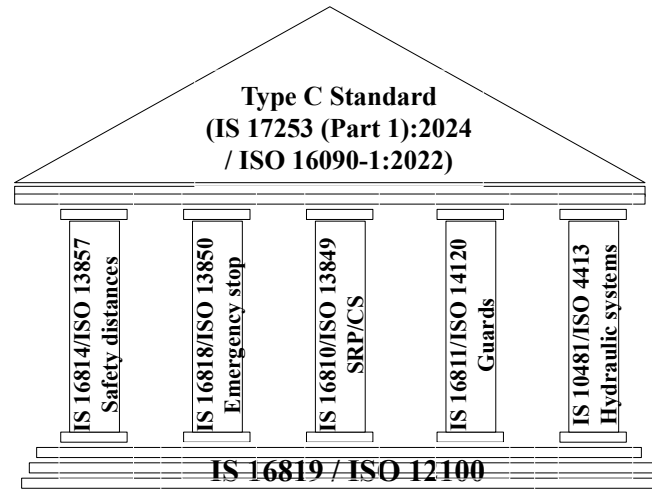
Add New Machine Category

Back Next

Activate Windows

Selection of Specifications - Use Standards

- Type-A standards (basic safety standards) giving basic concepts, principles for design and general aspects that can be applied to machinery;
- Type-B standards (generic safety standards) dealing with one safety aspect or one type of safeguard that can be used across a wide range of machinery:
 - Type-B1 standards on particular safety aspects (e.g. safety distances, surface temperature, noise);
 - Type-B2 standards on safeguards (e.g. two-hand controls, interlocking devices, pressure-sensitive devices, guards);
- Type-C standards (machine safety standards) dealing with detailed safety requirements for a particular machine or group of machines.



Certification Application

Upload Technical File

Note:- Only PDF files up to 20MB are allowed. For Larger Files, Please upload in multiple parts.

Machine Category: 16. All types of Diesel Generator and (or) their assemblies/sub-assemblies /components

Machine Type: type of machine

Model Name : m1

Type A Standard*

IS 16819 : 2018 / ISO 12100 : 2010

Select Applicable Type B Standard(s)

× IS 16806 : PART 2 : 2018 / ISO 29042 : PART 2 : 2009

Select Applicable Type C Standard(s)

× Clause 6.6 of IS 12258 : 1987

Upload File*

Choose Files 4 files

Save

Select Standards

Upload Technical File

Fee structure: Scheme - X

- Application fee for licence /CoC - ₹ 2,000
- Certification fee for licence to use BIS Standard Mark - ₹ 25,000 / year
- Certification fee for CoC - ₹ 10,000
- Fee for review of technical file - ₹ 20,000 / technical file
- Inspection fees - ₹ 20,000 / manday
- Incentives for priority sectors ([Details available on BIS website](#))
 - 80% - Micro scale or start-up, 50% - Small scale, 20% - Medium scale units
 - Additional 10% for Women MSMEs or Units in North-East areas

Certification Process: OTR regulation

- Desk audit - Standards, risk assessment and compliance report
- Site audit - Demonstrate **safety** compliance
- Licence - validity duration
 - 3 to 6 years followed with renewals
- CoC - for **one-time** production with **no renewal**
 - Specific prototype or for a particular lot/batch
- Procedural Guidelines
 - Available on BIS website
 - www.bis.gov.in >> Conformity Assessment >> Scheme-X Certification >> Certification Process

Guidance to the Manufacturers

- Machine category specific guidelines based on specific requirements as per applicable **Type C Standard** (mapped in OTR)
- Issued for 4 categories as of now (*Metal cutting, Machinery for working with rubber and plastic, DBOs, Semi-conductor power inverter*)
- Contents:
 - Machine specific requirements to be submitted in Technical File (*Section B*)
 - Series/Grouping guidelines for Grant/Change in Scope of licence (*Section C*)
 - Labelling and Marking requirements (*Section D*)
 - Scope of licence/CoC (*Section E & F*)


Section B: Product Specific Guidance Documents

- Compliance to the Indian standards and Essential requirements to be submitted in the Technical file of the Machine
- Suggestive checklists for evaluation of conformity to applicable Indian Standards and Risk Assessment Sheet and their verification, for various types of Machines/Equipment (*For both – Type C Standard is available as well as for which Type C Standard not available*)
- Compliance of the Safety related Parts of Control System (SRP/CS) for various Machines as specified in respective Type C Indian standard to be submitted in the Technical file of the Machine

Section C: Product Specific Guidance Documents

- Customized, case specific
- Family of models and lead model concept based
- All the models (by name/ number/ code, as uniquely defined by the manufacturer) of the machine of each type (viz. Milling Machines, Electro-discharge Machines, Presses etc.) to be declared by manufacturer.
- While declaring a family of models, similarity of risks including Type of Hazards which are associated with the members of the family of machines shall be considered. Model posing highest risk and hence employing the maximum safety features shall be declared as the lead model of the family.
- Series of models – technical file of only lead model is to be submitted
- Stand alone model- Technical file of each such model is to be submitted
- BIS may agree/modify/not agree to such groupings proposed by manufacturer

Section E: Scope of Licence

Product	Scope of Licence	Standard Mark
Metal cutting machines	Please see annex attached	IS 16819:2018/ISO 12100:2012  L- XXXXXXXXXXXX

Type of Machine/Equipment <i>(Milling Machine or Electro- Discharge Machine or Turning Machine or Presses etc.)</i>	Models covered		Conforming to Indian Standard(s) or Essential requirements
	Model number/name as uniquely identified, of the lead model in the family	Model number/name as uniquely identified, of the machines covered in the family	
Electro- Discharge Machine	LM-EDM-1	EDM-1-1	IS 16819/ISO 12100
		EDM-1-2	IS 17259: 2020/ ISO 28881: 2013
		EDM-1-3	
Electro- Discharge Machine	LM-EDM-2	EDM-2-1	IS 16819/ISO 12100
		EDM-2-2	IS 17259: 2020/ ISO 28881: 2013
		EDM-2-2	
Milling Machine	LM-MM-1	MM-1-1	IS 16819/ISO 12100
		MM-1-2	IS 17253 (Part 1): 2024/ISO 16090 (Part 1): 2022
		MM-1-3	

Section F: Scope of CoC

Type of Machine/Equipment <i>(Either Milling Machine or Electro-Discharge Machine or Turning Machine or Presses etc.)</i>	Models covered		Conforming to Indian Standard(s) or Essential requirements	Lot No./ Batch no. with serial numbers of the Machine (from...to...)	Date/month of manufacturing of the Machine
	Model number/name as uniquely identified, of the lead model in the family	Model number/name as uniquely identified, of the machines covered in the family			
Milling Machine	LM-MM-1	MM-1-1	IS 16819/ISO 12100 IS 17253 (Part 1): 2024/ISO 16090 (Part 1): 2022	Batch no.- MM 01 Serial No. 001 to 200	January 2025 to March 2025
Milling Machine	LM-MM-1	MM-1-2	IS 16819/ISO 12100 IS 17253 (Part 1): 2024/ISO 16090 (Part 1): 2022	Batch no.- MM 02 Serial No. 201 to 300	January 2025 to March 2025

DEMO :

PORTAL

Thank You!

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QR code to
Download

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