

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### MED 25 : Printing Machinery

**Scope:** Formulation of standards on printing and allied machinery and components covering terminology, dimensions, performance, maintenance and safety requirements

**Liaison:**

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11610:2023	Rubber Rollers for Offset Printing - Specification ( First Revision )		-	Indigenous
2	IS 12095:2023	Recommendation to be given for metal plates for offset machines		-	Indigenous
3	IS 12136:2024	PRINTING MACHINES CLASSIFICATION (First Revision )		-	Indigenous
4	IS 12619:2022	PRINTING INDUSTRY SAFETY CODE		-	Indigenous
5	IS/ISO 12635:2021 ISO 12635:2021 ISO 12635:2021	GRAPHIC TECHNOLOGY PLATES FOR OFFSET PRINTING DIMENSIONS (SECOND REVISION OF IS 15552:2019/ISO 12635:2008)		-	Identical under single numbering
6	IS/ISO 12636:2018 12636	Graphic Technology - Blankets for Offset Printing (First Revision)		-	Identical under single numbering
7	IS/ISO 12643-1:2023 ISO 12643-1 : 2023 ISO 12643-1 : 2023	GRAPHIC TECHNOLOGY SAFETY REQUIREMENTS FOR GRAPHIC TECHNOLOGY EQUIPMENT AND SYSTEMS PART 1 GENERAL REQUIREMENTS (First Revision)		-	Identical under single numbering
8	IS/ISO 12643-126431:2009 ISO 12643-1 : 2009 Reviewed In : 2024 ISO 12643-1 : 2023	Graphic technology - Safety requirements for graphic technology equipment and systems: Part 1 general requirements	March, 2024	-	Identical under single numbering
9	IS/ISO 12643-2:2023 ISO 12643-2 : 2023 ISO 12643-2 : 2023	GRAPHIC TECHNOLOGY - SAFETY REQUIREMENTS FOR GRAPHIC TECHNOLOGY EQUIPMENT AND SYSTEMS PART 2 PREPRESS AND PRESS EQUIPMENT AND SYSTEMS (First Revision)		-	Identical under single numbering
10	IS/ISO 12643-126432:2010 ISO 12643-2 : 2010	Graphic technology - Safety requirements for graphic technology equipment and systems:	March, 2024	-	Identical under single numbering

	Reviewed In : 2024 ISO 12643-2 : 2023	Part 2 prepress and press equipment and systems			
11	IS/ISO 12643-3:2023 ISO 12643-3 : 2023 ISO 12643-3 : 2023	GRAPHIC TECHNOLOGY SAFETY REQUIREMENTS FOR GRAPHIC TECHNOLOGY EQUIPMENT AND SYSTEMS PART 3 BINDING AND FINISHING EQUIPMENT AND SYSTEMS (First Revision of ISO 12643-3 )		-	Identical under single numbering
12	IS/ISO 12643-126433:2010 ISO 12643-3 : 2010 Reviewed In : 2024 ISO 12643-3 : 2023	Graphic technology - Safety requirements for graphic technology equipment and systems: Part 3 binding and finishing equipment and systems	March, 2024	-	Identical under single numbering
13	IS/ISO 12643-4:2023 ISO 12643-4 : 2023 ISO 12643-4 : 2023	GRAPHIC TECHNOLOGY - SAFETY REQUIREMENTS FOR GRAPHIC TECHNOLOGY EQUIPMENT AND SYSTEMS PART 4 CONVERTING EQUIPMENT AND SYSTEMS (First Revision of ISO 12643-4 )		-	Identical under single numbering
14	IS/ISO 12643-126434:2010 ISO 12643-4 : 2010 Reviewed In : 2024 ISO 12643-4 : 2023	Graphic technology - Safety requirements for graphic technology equipment and systems: Part 4 converting equipment and systems	March, 2024	-	Identical under single numbering
15	IS/ISO 12643-5:2023 ISO 12643-5 : 2023 ISO 12643-5 : 2023	GRAPHIC TECHNOLOGY SAFETY REQUIREMENTS FOR GRAPHIC TECHNOLOGY EQUIPMENT AND SYSTEMS PART 5 MANUALLY FED STAND ALONE PLATEN PRESSES (Adoption of ISO 12643-5 )		-	Identical under single numbering
16	IS/ISO 12643-126435:2010 ISO 12643-5 : 2010 Reviewed In : 2024 ISO 12643-5 : 2023	Graphic technology - Safety requirements for graphic technology equipment and systems: Part 5 stand - Alone platen presses	March, 2024	-	Identical under single numbering
17	IS 14640 (Part 1):1998 Reviewed In : 2022 ISO 11084-I : 1993	Graphic technology - Register systems for photographic materials, foils and paper: Part 1 three - Pin systems	March, 2022	-	Identical under dual numbering
18	IS 15553:2004 ISO 12218 Reviewed In : 2020 ISO 12218:1997	Graphic technology - Process control - Offset platemaking	April, 2020	-	Identical under dual numbering
19	IS 17644:2021	Recommendation to be given on indication plates for web offset printing machines		-	Indigenous
20	IS 17645:2021	CODE OF ACCEPTANCE TESTS AND PURCHASE PERFORMANCE FOR WEB OFFSET MACHINES		-	Indigenous

### Standards under Development

Projects Approved		
Sl. No.	Doc No.	Title
No Records Found		
Preliminary Draft Standards		
Sl. No.	Doc No.	Title
1	MED 25 (27344)	PAPER FOLDING MACHINE SPECIFICATION
2	MED 25 (27411)	GUIDELINES FOR SPECIFYING COMMISSIONING AND ACCEPTANCE TESTING OF SHEET FED SINGLEMULTI- COLOR OFFSET PRINTING MACHINES
3	MED 25 (27412)	ASSESSMENT OF DIGITAL PRINTING OUTPUT
Drafts Standards in WC Stage		
Sl. No.	Doc No.	Title
No Records Found		
Draft Standards Completed WC Stage		
Sl. No.	Doc No.	Title
No Records Found		
Finalized Draft Indian Standard		
Sl. No.	Doc No.	Title
No Records Found		
Finalized Draft Indian Standards under Print		
Sl. No.	Doc No.	Title
No Records Found		
Total Published Standards:15 Total Standards Under development:3		
Aspect Wise Report		
Product : 5 Code of Practices : 2 Methods of Test : 0 Terminology : 1 Dimensions : 1 System Standard : 0 Safety Standard : 6 Others : 0 Service Specification : 0 Process Specification : 0 Unclassified : 0		
Annexure-I :List of Indian Standards Withdrawn/Superseded		
Sl. No.	IS No. & Year	Title
1	IS 10039:1981 Reviewed In : 2017	Specification for number printing machines hand - Operated
2	IS 11097 (Part 1):1984 Reviewed In : 1991	Glossary of terms for printing machinery Part 1 Fundamental terms
3	IS 11122 (Part 1):1985 Reviewed In : 2007	Specification for Letterpress Printing Plates and Equipment - Part 1 Original Printing Plates

4	IS 11122 (Part 2):1984 Reviewed In : 2007	Specification for Letterpress Printing Plates and Equipment - Part 2 Flat Metal Duplicate Plates
5	IS 11122 (Part 3):1984 Reviewed In : 2007	Specification for Letter Press Printing Plates and Equipment - Part 3 Galleys
6	IS 11122 (Part 4):1984 Reviewed In : 2007	Specification for Letterpress Printing Plates and Equipment - Part 4 Jobbing Chases
7	IS 11175:1985	Dimensions of metal lithographic plates
8	IS 1286:1967	Pictorial marking for handling goods in general
9	IS 13906:1994	Graphic Technology - Sheet Fed Printing Machines - Range Of Sizes
10	IS 14637:1999 Reviewed In : 2019	Classification of printing machines
11	IS 15141:2002 ISO 12636 Reviewed In : 2017 ISO 12636:1998	Graphic technology - - Blankets for offset printing
12	IS 15552:2019 ISO 12635 : 2008 ISO 12635:2008	Graphic Technology Plates for Offset Printing Dimensions First Revision

#### Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 11610:2023	Rubber Rollers for Offset Printing - Specification First Revision
2	IS/ISO 12636:2018 12636	Graphic Technology - Blankets for Offset Printing First Revision
3	IS 14640 (Part 1):1998 Reviewed In : 2022 ISO 11084-I : 1993	Graphic technology - Register systems for photographic materials foils and paper Part 1 three - Pin systems
4	IS 17644:2021 ISO 3601-5:2015	Recommendation to be given on indication plates for web offset printing machines
5	IS 17645:2021 ISO 11665-12 : 2018	CODE OF ACCEPTANCE TESTS AND PURCHASE PERFORMANCE FOR WEB OFFSET MACHINES