

BUREAU OF INDIAN STANDARDS

Program of Work

ETD 30 : Surge Arresters

Scope: To prepare standards on surge arresters and their accessories, application guide for surge arrestors for different locations

Liaison: **IEC TC-37 (P): Surge arresters IEC TC-37 SC-37A (P): Low-voltage surge protective devices IEC TC-37 SC-37B (O): Components for low-voltage surge protection**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 15086 (Part 4):2017 IEC 60099-4 : 2014 Reviewed In : 2024 IEC/PAS 60099-4 : 20	Surge arresters: Part 4 metal - Oxide surge arresters without gaps for A.C. systems	March, 2024	-	Identical under dual numbering
2	IS 15086 (Part 5):2020 IEC 60099-5 : 2018 Reviewed In : 2024 IEC 60099-5 : 2018	Surge Arresters Part 5 Selection and Application Recommendations (First Revision)	September, 2024	-	Identical under dual numbering
3	IS 15086 (Part 8):2017 IEC 60099-8 : 2011 Reviewed In : 2022 IEC 60099-8 : 2011	Surge arresters: Part 8 metal oxide surge arresters with external series gap (EGLA) for overhead transmission and distribution lines of a.c. systems above 1 kv	March, 2022	-	Identical under dual numbering
4	IS 15086 (Part 9):2019 IEC 60099-9 : 2014 Reviewed In : 2024 IEC 60099-9:2014	Surge arresters: Part 9 metal - Oxide surge arresters without gaps for HDVC converter stations	September, 2024	-	Identical under dual numbering

Standards under Development

Projects Approved

Sl. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

Sl. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage		
SI. No.	Doc No.	Title
1	ETD 30 (27100)	Surge arresters - Part 10 Rationale for tests specified by IS 15086 Part 4
2	ETD 30 (27101)	Low-Voltage Surge Protective Devices - Part 22 Surge Protective Devices Connected to Telecommunications and Signalling Networks - Selection and Application Principles
3	ETD 30 (27103)	Low-Voltage Surge Protective Devices Part 31 Requirements and Test Methods for SPDs for Photovoltaic Installations
4	ETD 30 (27105)	Low-Voltage Surge Protective Devices - Part 32 Surge Protective Devices Connected to the dc Side of Photovoltaic Installations - Selection and Application Principles

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
1	ETD 30 (25988) Revision of: IS 15086:2017	Surge arresters Part 8 metal oxide surge arresters with external series gap EGLA for overhead transmission and distribution lines of ac systems above 1 kv

Total Published Standards:4	Total Standards Under development:5
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Aspect Wise Report		
	Product :	3
	Code of Practices :	1
	Methods of Test :	0
	Terminology :	0
	Dimensions :	0
	System Standard :	0
	Safety Standard :	0
	Others :	0
	Service Specification :	0
	Process Specification :	0
	Unclassified :	0

Annexure-I :List of Indian Standards Withdrawn/Superseded		
SI. No.	IS No. & Year	Title
1	IS 15086 (Part 1):2001 IEC 60099-1 (1991) Reviewed In : 2011 IEC 60099-1 (1991)	Surge Arresters - Part 1 Non-Linear Resistor Type Gapped Surge Arresters for a c Systems
2	IS 15086 (Part 3):2003 IEC 60099-3 Reviewed In : 2018 IEC 60099-3:1990	Surge arresters Part 3 artificial pollution testing of surge arresters
3	IS 3070 (Part 1):1985 Reviewed In : 1999	Surge Arresters for Alternating Current Systems - Part 1 Non-linear Resistor Type Surge Arresters
4	IS 3070 (Part 2):1989	Lightning arresters for alternating current systems Part 2 Expulsion type lighting arresters
5	IS 3070 (Part 3):1993 IEC 60099-4	Lightning aresters for alternating current systems - Specification Part 3 metal oxide lightning arresters without gaps

	Reviewed In : 2019 IEC 60099-4:1991	
6	IS 4004:1985 Reviewed In : 1999	Specification for plug cocks for water supply purposes
7	IS 4850:1968	Application guide for expulsion-type lightning arresters

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 15086 (Part 4):2017 IEC 60099-4 : 2014 Reviewed In : 2024 IEC/PAS 60099-4 : 20	Surge arresters Part 4 metal - Oxide surge arresters without gaps for A C systems
2	IS 15086 (Part 8):2017 IEC 60099-8 : 2011 Reviewed In : 2022 IEC 60099-8 : 2011	Surge arresters Part 8 metal oxide surge arresters with external series gap EGLA for overhead transmission and distribution lines of a c systems above 1 kv
3	IS 15086 (Part 9):2019 IEC 60099-9 : 2014 Reviewed In : 2024 IEC 60099-9:2014	Surge arresters Part 9 metal - Oxide surge arresters without gaps for HDVC converter stations