

BUREAU OF INDIAN STANDARDS

Program of Work

ETD 48 : UHV Transmission System

Scope: Standardization in the field of AC transmission technology at 800 kV and above, comprising systems-oriented guidance such as that for planning, design aspects, technical requirements, construction, commissioning, reliability, availability, operation and maintenance, processes for specifying requirements and demonstrating whether the required performance of UHV systems is assured.

Liaison: **IEC TC-122 (P): UHV AC transmission systems** **IEC TC-122 (P): UHV AC transmission systems**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS/IEC/TR 63042-100:2016 63042-100 63042-100	UHV AC TRANSMISSION SYSTEMS Part 100: General information		-	Identical under single numbering
2	IS/IEC/TS 63042-101:2019 63042-101 63042-101	UHV AC TRANSMISSION SYSTEMS Part 101: Voltage regulation and insulation design		-	Identical under single numbering
3	IS/IEC/TS 63042-102:2021 IEC TS 63042-102:2021 IEC TS 63042-102:2021	UHV a.c. Transmission Systems Part 102 General System Design		-	Identical under single numbering
4	IS/IEC/TS 63042-201:2018 63042-201 63042-201	UHV AC TRANSMISSION SYSTEMS Part 201: UHV AC substation design		-	Identical under single numbering
5	IS/IEC/TS 63042-202:2021 IEC TS 63042-202:2021 IEC TS 63042-202:2021	UHV a.c. Transmission Systems Part 202 UHV a.c. Transmission Line Design		-	Identical under single numbering
6	IS/IEC/TS 63042-301:2018 63042-301 63042-301	UHV AC TRANSMISSION SYSTEMS Part 301: On-site acceptance tests		-	Identical under single numbering
7	IS/IEC/TS 63042-302:2021 IEC TS 63042-302:2021 IEC TS	UHV a.c. Transmission Systems Part 302 Commissioning		-	Identical under single numbering

	63042-302:2021				
8	IS/IEC/TR 63042-303:2021 IEC TR 63042-303:2021 IEC TR 63042-303:2021	UHV a.c. Transmission Systems Part 303 Measurement of UHV a.c. Transmission Line Power Frequency Parameter $i_c/2$ Guidelines		-	Identical under single numbering

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	ETD 48 (17329)	UHV AC TRANSMISSION SYSTEMS Part 100 General information
2	ETD 48 (17330)	UHV AC TRANSMISSION SYSTEMS Part 101 Voltage regulation and insulation design
3	ETD 48 (17331)	UHV AC TRANSMISSION SYSTEMS Part 201 UHV AC substation design
4	ETD 48 (17332)	UHV AC TRANSMISSION SYSTEMS Part 301 On-site acceptance tests
5	ETD 48 (19990)	UHV a c Transmission Systems Part 102 General System Design
6	ETD 48 (19991)	UHV a c Transmission Systems Part 202 UHV a c Transmission Line Design
7	ETD 48 (19992)	UHV a c Transmission Systems Part 302 Commissioning
8	ETD 48 (19993)	UHV a c Transmission Systems Part 303 Measurement of UHV a c Transmission Line Power Frequency Parameter Guidelines

Total Published Standards:4 Total Standards Under development:8

Aspect Wise Report

Product : 0
Code of Practices : 0
Methods of Test : 2
Terminology : 0
Dimensions : 0

System Standard : 6
Safety Standard : 0
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded
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SI. No.	IS No. & Year	Title
<i>No Records Found</i>		

Annexure-II :List of Indian Product Standards
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SI. No.	IS No. & Year	Title
<i>No Records Found</i>		