

## 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*

### 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 63042-302:2021	UHV a.c. Transmission Systems Part 302 Commissioning		-	Identical under single numbering

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 $i_L^{1/2}$ Guidelines	-	Identical under single numbering
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Standards under Development

Projects Approved		
SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards		
SI. 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
No Records Found		

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

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
No Records Found		

Total Published Standards:4    Total Standards Under development:0				
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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

SI. No.	IS No. & Year	Title
No Records Found		

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