

BUREAU OF INDIAN STANDARDS

Program of Work

CED 39 : Earthquake Engineering

Scope: STANDARDIZATION IN THE FIELD OF DESIGN AND CONSTRUCTION OF EARTHQUAKE RESISTANT STRUCTURES AND IN THE FIELD OF INSTRUMENTS AND TESTS CONNECTED THEREWITH.

Liaison:

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 13827 : 1993 Reviewed In : 2023	Improving Earthquake Resistance of Earthen Buildings - Guidelines	March, 2023	2	Indigenous
2	IS 13828 : 1993 Reviewed In : 2023	Improving Earthquake Resistance Of Low Strength Masonry Buildings - Guidelines	March, 2023	3	Indigenous
3	IS 13920 : 2016 Reviewed In : 2021	Ductile Design and Detailing of Reinforced Concrete Structures Subjected to Seismic Forces - Code of Practice (First Revision)	July, 2021	2	Indigenous
4	IS 13935 : 2009 Reviewed In : 2019	Seismic Evaluation, Repair and Strengthening of Masonry Buildings - Guidelines	August, 2019	-	Indigenous
5	IS 15988 : 2013 Reviewed In : 2023 ISO 28841:2014	Seismic evaluation and strengthening of existing reinforced concrete buildings - Guidelines	February, 2023	-	Not Equivalent
6	IS 17848 : 2022	Confined Masonry For Earthquake Resistance Code of Practice		-	Indigenous
7	IS 18168 : 2023	Earthquake Resistant Design and Detailing of Steel Buildings - Code of Practice		-	Indigenous
8	IS 18289 : 2023	Post - Earthquake Safety Assessment of Buildings - Guidelines		-	Indigenous
9	IS 1893 : 1984 Reviewed In : 2022	CRITERIA FOR EARTHQUAKE RESISTANT DESIGN OF STRUCTURES (Fourth Revision)	September, 2022	2	Indigenous
10	IS 1893 (Part 1) : 2016 Reviewed In : 2021	Criteria for Earthquake Resistant Design of Structures - Part 1 : General Provisions and Buildings	July, 2021	2	Indigenous
11	IS 1893 (Part 2) : 2014 Reviewed In : 2019	Criteria for Earthquake Resistant Design of Structures Part 2 Liquid Retaining Tanks	August, 2019	1	Indigenous
12	IS 1893 (Part 3) : 2014 Reviewed In : 2019	Criteria for Earthquake Resistant Design of Structures Part 3 Bridges and Retaining Walls	August, 2019	-	Indigenous

13	IS 1893 (Part 4) : 2024	Criteria For Earthquake Resistant Design of Structures Part 4 Industrial Structures Including Stack- Like Structures (Second Revision)		-	Indigenous
14	IS 1893 (Part 6) : 2022	Criteria for Earthquake Resistant Design of Structures Part 6: Base Isolated Buildings		-	Indigenous
15	IS 4326 : 2013 Reviewed In : 2018	Earthquake resistant design and construction of buildings - Code of practice	July, 2018	1	Indigenous
16	IS 4967 : 1968 Reviewed In : 2023	Recommendations for seismic instrumentation for river valley projects	March, 2023	-	Indigenous
17	IS 4991 (Part 1) : 2024	Criteria for Blast Resistant Design of Structures Part 1 Above-Ground Explosions (First Revision)		-	Indigenous
18	IS 4991 (Part 1) : 1968 Reviewed In : 2023	Criteria for blast resistant design of structures for explosions above ground	May, 2023	-	Indigenous
19	IS 6922 : 1973 Reviewed In : 2023	Criteria for safety and design of structures subject to underground blasts	February, 2023	-	Indigenous

Standards under Development

Projects Approved

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

Preliminary Draft Standards

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

Drafts Standards in WC Stage

Sl. No.	Doc No.	Title
1	CED 39 (26741) Revision of: IS 13935:2009	Earthquake Safety Assessment and Retrofitting of Structures Part 1 General Provisions Second Revision of IS 13935
2	CED 39 (26742) Revision of: IS 13935:2009	Earthquake Safety Assessment and Retrofitting of Structures Part 2 Buildings Second Revision of IS 13935

Draft Standards Completed WC Stage

Sl. No.	Doc No.	Title
1	CED 39 (22343) Revision of: IS 13935:2009	Criteria for earthquake resistant design of structures Part 1 General Provisions Seventh Revision
2	CED 39 (22345) Revision of: IS 13935:2009	Criteria for earthquake resistant design of structures Part 2 Buildings Seventh Revision
3	CED 39 (25407) Revision of: IS 13935:2009	Earthquake Resistant Design and Detailing of Structures Code of Practice Part 1 General Provisions
4	CED 39 (25408) Revision of: IS 13935:2009	Earthquake Resistant Design and Detailing of Structures Code of Practice Part 2 Buildings

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	CED 39 (26727)	CRITERIA FOR EARTHQUAKE RESISTANT DESIGN OF STRUCTURES IS 1893 Part 7 PIPELINES

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	CED 39 (24823) Revision of: IS 4967:1968	Earthquake Instrumentation of Dam Projects

Total Published Standards:18 Total Standards Under development:8

Aspect Wise Report

Product : 0
Code of Practices : 10
Methods of Test : 0
Terminology : 0
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 8
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	SP 22 : 1982	Explanatory Handbook on Codes for Earthquake Engineering

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
<i>No Records Found</i>		