

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 : 2024	Seismic Evaluation, Repair and Strengthening of Masonry Buildings - Guidelines	August, 2024	-	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 (sixth revision)	July, 2021	2	Indigenous
11	IS 1893 (Part 2):2014 Reviewed In : 2024	Criteria for Earthquake Resistant Design of Structures Part 2 Liquid Retaining Tanks	August, 2024	1	Indigenous
12	IS 1893 (Part 3):2014 Reviewed In : 2024	Criteria for Earthquake Resistant Design of Structures Part 3 Bridges and Retaining Walls	August, 2024	-	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 : 2023	Earthquake resistant design and construction of buildings - Code of practice	July, 2023	1	Indigenous
16	IS 4967:2025	Earthquake Instrumentation of Dam Projects		-	Indigenous
17	IS 4991 (Part 1):2024	Criteria for Blast Resistant Design of Structures Part 1 Above-Ground Explosions (First Revision)		-	Indigenous
18	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		
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
1	CED 39 (26741)	Earthquake Safety Assessment and Retrofitting of Structures Part 1 General Provisions Second Revision of IS 13935
2	CED 39 (26742)	Earthquake Safety Assessment and Retrofitting of Structures Part 2 Buildings Second Revision of IS 13935
3	CED 39 (27624)	Criteria for Earthquake Resistant Design of Structures Part 4 Industrial Structures
4	CED 39 (27884)	Criteria for Earthquake Resistant Design of Structures Part 8 Dams and Embankments Section 1 Concrete and Masonry Dams IS 1893 Part 8
5	CED 39 (27937)	Criteria for Earthquake Resistant Design of Structures Part 6 Base Isolated Buildings First Revision of IS 1893 Part 6
6	CED 39 (28254)	Testing of Structures for Earthquake Effects

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

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Finalized Draft Indian Standards under Print

Sl. No.	Doc No.	Title
1	CED 39 (22343) Revision of: IS 1893:2016	Design Earthquake Hazard and Criteria for Earthquake-Resistant Design of Structures Part 1 General Provisions Seventh Revision
2	CED 39 (22345)	Design Earthquake Hazard and Criteria for Earthquake-Resistant Design of Structures Part 5 Buildings Seventh Revision
3	CED 39 (25407) Revision of: IS 13920:2016	Earthquake Resistant Design and Detailing of Structures Code of Practice Part 1 General Provisions
4	CED 39 (25408)	Earthquake Resistant Design and Detailing of Structures Code of Practice Part 5 Buildings

Total Published Standards:18 Total Standards Under development:11

Aspect Wise Report

Product : 0
 Code of Practices : 11
 Methods of Test : 0
 Terminology : 0
 Dimensions : 0
 System Standard : 0
 Safety Standard : 0
 Others : 7
 Service Specification : 0
 Process Specification : 0
 Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

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

Annexure-II :List of Indian Product Standards

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