

## 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 (Part 5):2025	Design Earthquake Hazard and Criteria for Earthquake-Resistant Design of Structures Part 5 Buildings ( Seventh Revision )		-	
10	IS 1893:1984 Reviewed In : 2022	CRITERIA FOR EARTHQUAKE RESISTANT DESIGN OF STRUCTURES (Fourth Revision)	September, 2022	2	Indigenous
11	IS 1893 (Part 1):2025	Design Earthquake Hazard and Criteria for Earthquake-Resistant Design of Structures Part 1 General Provisions ( Seventh Revision )		-	Indigenous
12	IS 1893 (Part	Criteria for Earthquake Resistant	August, 2024	1	Indigenous

	2):2014 <b>Reviewed In : 2024</b>	Design of Structures Part 2 Liquid Retaining Tanks			
13	IS 1893 (Part 3):2014 <b>Reviewed In : 2024</b>	Criteria for Earthquake Resistant Design of Structures Part 3 Bridges and Retaining Walls	August, 2024	-	Indigenous
14	IS 1893 (Part 4):2024	Criteria For Earthquake Resistant Design of Structures Part 4 Industrial Structures Including Stack- Like Structures (Second Revision)		-	Indigenous
15	IS 1893 (Part 6):2022	Criteria for Earthquake Resistant Design of Structures Part 6: Base Isolated Buildings		-	Indigenous
16	IS 4326:2013 <b>Reviewed In : 2023</b>	Earthquake resistant design and construction of buildings - Code of practice	July, 2023	1	Indigenous
17	IS 4967:2025	Earthquake Instrumentation of Dam Projects		-	Indigenous
18	IS 4991 (Part 1):2024	Criteria for Blast Resistant Design of Structures Part 1 Above-Ground Explosions (First Revision)		-	Indigenous
19	IS 6922:1973 <b>Reviewed In : 2023</b>	Criteria for safety and design of structures subject to underground blasts	February, 2023	-	Indigenous

### 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
1	CED 39 (26727)	CRITERIA FOR EARTHQUAKE RESISTANT DESIGN OF STRUCTURES IS 1893 Part 7 PIPELINES
2	CED 39 (26741) <b>Revision of: IS 13935:2009</b>	Assessment and Retrofitting of Structures for Earthquake Safety - Code of Practice Part 1 General Provisions Second Revision of IS 13935
3	CED 39 (26742) <b>Revision of: IS 13935:2009</b>	Assessment and Retrofitting of Structures for Earthquake Safety Part 5 Buildings Second Revision of IS 13935

## Finalized Draft Indian Standards under Print

Sl. No.	Doc No.	Title
1	CED 39 (07975) Revision of: IS 1893:2016	Criteria For Earthquake Resistant Design Of Structures Part 1 General Provisions For All Structures And Specific Provisions For Buildings
2	CED 39 (07807) Revision of: IS 1893:2015	Criteria For Earthquake Resistant Design Of Structure Part 4 Industrial Structures Including Stack-like Structures
3	CED 39 (07941) Revision of: IS 13920:2016	Ductile Design and Detailing Of Reinforced Concrete Structures Subjected To Seismic Forces - Code Of Practice
4	CED 39 (11674)	Criteria for Earthquake Resistant Design of Structures Part 4 Industrial Structures Including Stack - Like Structures First Revision Amendment - 1
5	CED 39 (11676)	Criteria for Earthquake Resistant Design of Structures - Part 1 General Provisions and Buildings Amendment - 1
6	CED 39 (11689)	Ductile Design and Detailing of Reinforced Concrete Structures Subjected to Seismic Forces - Code of Practice First Revision Amendment - 1
7	CED 39 (12596)	Criteria for Earthquake Resistant Design of Structures Part 4 Industrial Structures Including Stack - Like Structures First Revision Amendment - 2
8	CED 39 (15280)	Guidelines for Criteria for Earthquake Resistant Design of Structures Part 6 Base Isolated Buildings IS 1893 Part 6
9	CED 39 (16890)	Confined Masonry For Earthquake Resistance Code of Practice
10	CED 39 (18640)	Earthquake Resistant Design and Detailing of Steel Buildings - Code of Practice
11	CED 39 (18642) Revision of: IS 1893:2015	Criteria For Earthquake Resistant Design of Structures Part 4 Industrial Structures Including Stack- Like Structures Second Revision
12	CED 39 (18688)	Amendment 1 to Criteria for Earthquake Resistant Design of Structures Part 2 Liquid Retaining Tanks Fifth Revision
13	CED 39 (20022)	CRITERIA FOR EARTHQUAKE RESISTANT DESIGN OF STRUCTURES Fourth Revision Amendment - 2
14	CED 39 (20611)	Post - Earthquake Safety Assessment of Buildings - Guidelines
15	CED 39 (22018) Revision of: IS 4991:1968	Criteria for Blast Resistant Design of Structures Part 1 Above-Ground Explosions First Revision
16	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
17	CED 39 (22345)	Design Earthquake Hazard and Criteria for Earthquake-Resistant Design of Structures Part 5 Buildings Seventh Revision
18	CED 39 (24823) Revision of: IS 4967:1968	Earthquake Instrumentation of Dam Projects
19	CED 39 (25407) Revision of: IS 13920:2016	Earthquake Resistant Design and Detailing of Structures Code of Practice Part 1 General Provisions
20	CED 39 (25408)	Earthquake Resistant Design and Detailing of Structures Code of Practice Part 5 Buildings
21	CED 39 (27624) Revision of: IS 1893:2024	Criteria for Earthquake Resistant Design of Structures Part 4 Industrial Structures
22	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
23	CED 39 (27937) Revision of: IS 1893:2022	Criteria for Earthquake Resistant Design of Structures Part 6 Base Isolated Buildings First Revision of IS 1893 Part 6
24	CED 39 (28254)	Testing of Structures for Earthquake Effects

**Total Published Standards:19 Total Standards Under development:27**

### 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 : 1

**Annexure-I :List of Indian Standards Withdrawn/Superseded**

<b>SI. No.</b>	<b>IS No. &amp; Year</b>	<b>Title</b>
1	SP 22:1982	Explanatory Handbook on Codes for Earthquake Engineering

**Annexure-II :List of Indian Product Standards**

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