

BUREAU OF INDIAN STANDARDS

Program of Work

WRD 22 : Flood Management, Erosion Management and Diversion Works

Scope: Standardization of criteria for planning, design, construction, operation, maintenance and other related aspects of river training works, barrages, weirs and diversion works.

Liaison:

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10084 (Part 1) : 1982 Reviewed In : 2021	Criteria for design of diversion works: Part 1 coffer dams	March, 2021	-	Indigenous
2	IS 10084 (Part 2) : 2014 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Design of diversion works - Criteria: Part 2 diversion channel and open cut or conduit in the body of dam (First Revision)	December, 2023	-	Indigenous
3	IS 10751 : 2022	Planning and design of guide banks for alluvial rivers guidelines		-	Indigenous
4	IS 10788 (Part 1) : 1984 Reviewed In : 2021	Code of practice for construction of diversion works: Part 1 cellular coffer dams	March, 2021	-	Indigenous
5	IS 11130 : 1984 Reviewed In : 2021	Criteria for structural design of barrages and whrs	March, 2021	1	Indigenous
6	IS 11150 : 1993 Reviewed In : 2021	Construction of concrete barrages - Code of practice (First Revision)	March, 2021	1	Indigenous
7	IS 11532 : 1995 Reviewed In : 2021	Construction and maintenance of river embankments (Levees) - Guidelines (First Revision)	March, 2021	1	Indigenous
8	IS 12094 : 2018 Reviewed In : 2023	Planning and design of river embankments (Levees) - Guidelines (Second Revision)	March, 2023	-	Indigenous
9	IS 12892 : 1989 Reviewed In : 2021	Safety of barrage and weir structures - Guidelines	March, 2021	1	Indigenous
10	IS 12926 : 1995 Reviewed In : 2021	Construction and maintenance of guide banks in alluvial rivers - Guidelines (First Revision)	March, 2021	-	Indigenous
11	IS 13877 : 1993 Reviewed In : 2021	Planning and design of fish pass - Guidelines	March, 2021	-	Indigenous
12	IS 13912 : 1993 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Closure of diversion channel and open cut or conduit in the body of the dam - Code of practice	December, 2023	1	Indigenous
13	IS 14262 : 1995 Reviewed In : 2021	Planning and design of revetment - Guidelines	March, 2021	-	Indigenous

14	IS 14592 (Part 1) : 1998 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Planning and design of barrage powerhouses - Guidelines: Part 1 investigation, planning and layout	December, 2023	-	Indigenous
15	IS 14815 : 2000 Reviewed In : 2021	Design flood for river diversion works - Guidelines	March, 2021	-	Indigenous
16	IS 14955 : 2001 Reviewed In : 2021	Guidelines for hydraulic model studies of barrages and weirs	March, 2021	-	Indigenous
17	IS 4410 (Part 3) : 1988 Reviewed In : 2021	Glossary of terms relating to river valley projects: Part 3 river and river training (First Revision)	March, 2021	-	Indigenous
18	IS 4410 (Part 12) : 1993 Reviewed In : 2021	Glossary of terms relating to river valley projects: Part 12 diversion works (First Revision)	March, 2021	-	Indigenous
19	IS 4410 (Part 22) : 1994 Reviewed In : 2021	Glossary of terms relating to river valley projects: Part 22 barrages and weirs	March, 2021	-	Indigenous
20	IS 6966 (Part 1) : 1989 Reviewed In : 2021	Hydraulic design of barrages and weirs - Guidelines: Part 1 alluvial reaches (First Revision)	March, 2021	1	Indigenous
21	IS 7349 : 2012 Reviewed In : 2021	Barrages and weirs - Operation and maintenance - Guidelines (Second Revision)	March, 2021	-	Indigenous
22	IS 7720 : 1991 Reviewed In : 2021	Criteria for investigation, planning and layout for barrages and weirs (First Revision)	March, 2021	-	Indigenous
23	IS 8408 : 1994 Reviewed In : 2021	Planning and design of groynes in alluvial river - Guidelines (First Revision)	March, 2021	-	Indigenous
24	IS 9461 : 1980 Reviewed In : 2021	Guidelines for data required for design of temporary river diversion works	March, 2021	1	Indigenous
25	IS 9795 (Part 1) : 1981 Reviewed In : 2021	Guidelines for the choice of the type of diversion works: Part 1 coffer dams	March, 2021	1	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
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1	WRD 22 (22122)	PLANNING AND DESIGN OF REVETMENT GUIDELINES First Revision of IS 14262
2	WRD 22 (22124)	SAFETY OF BARRAGE AND WEIR STRUCTURES GUIDELINES First Revision of IS 12892
3	WRD 22 (22125)	CONSTRUCTION AND MAINTENANCE OF RIVER EMBANKMENTS LEVEES GUIDELINES Second Revision of IS 11532

Finalized Draft Indian Standard

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

Finalized Draft Indian Standards under Print

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

Total Published Standards:25 Total Standards Under development:3

Aspect Wise Report

Product : 0
 Code of Practices : 22
 Methods of Test : 0
 Terminology : 3
 Dimensions : 0
 System Standard : 0
 Safety Standard : 0
 Others : 0
 Service Specification : 0
 Process Specification : 0
 Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

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

Annexure-II :List of Indian Product Standards

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