

WRD 8: FOUNDATION AND FOUNDATION TREATMENT

SCOPE: Standardization of criteria for design and construction of foundations on rocks, impermeable and permeable strata for water resource projects, including methods of foundation treatment.

Liaison:

STANDARDS PUBLISHED

Sl. No.	IS No.	Title	Reaffirm	No. of Amds.	Degree of Equivalence
1.	IS 4410 (Part 19) : 1996	Glossary of terms relating to river valley projects Part 19 grouting	Apr- 2021	-	INDG
2.	IS 4999 : 1991	Recommendations for grouting of pervious soils (<i>First Revision</i>)	Mar-2023	2	INDG
3.	IS 5050 : 1992	Code of Practice for design construction and maintenance of relief wells (<i>First Revision</i>)	Apr- 2021	1	INDG
4.	IS 6066 : 1994	Pressure grouting of rock foundations in river valley projects - recommendations (<i>Second Revision</i>)	Mar-2023	1	INDG
5.	IS 8414 : 2014	Guidelines for Design of under seepage control measures for earth and rockfill dams (<i>First Revision</i>)	Mar-2024	1	INDG
6.	IS 11293 : 2018	Guidelines for the design of grout curtains for earth and rock fill dams masonry dams and concrete gravity dams	Mar- 2024	-	INDG
7.	IS 11973 : 1986	Code of practice for treatment of rock foundations, core and abutment contacts with rock for embankment dams	Apr- 2021	1	INDG
8.	IS 12584 : 1989	Bentonite for grouting in civil engineering works — Specification	Mar-2023	1	INDG
9.	IS 14343 : 1996	Choice of grouting materials for alluvial Grouting — Guidelines	Apr- 2021	1	INDG
10.	IS 14344 : 2021	Design and construction of diaphragms for under seepage control Code of Practice (<i>First Revision</i>)	-	-	INDG
11.	IS 16547 : 2017	Investigations for foundation of existing earth and rock fill dams — Guidelines	Dec-2022	-	INDG

STANDARDS UNDER DEVELOPMENT

Projects Approved

Sl. No.	Doc No	TITLE
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Preliminary Draft Standards

SI. No.	Doc No	TITLE
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Drafts Standards in WC Stage

SI. No.	Doc No	TITLE
1.	WRD 8 (21401) Revision of IS 4410 : 1996	Glossary of terms relating to river valley projects part 19 grouting

Draft Standards Completed WC Stage

SI. No.	Doc No	TITLE
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Finalized Draft Indian Standard

SI. No.	Doc No	TITLE
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Finalized Draft Indian Standards under Print

SI. No.	Doc No	TITLE
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Total Published Standards: 11

Total Standards Under development: 1