

BUREAU OF INDIAN STANDARDS

Program of Work

CED 56 : Hill Area Development Engineering

Scope: STANDARDIZATION IN THE FIELD OF DEVELOPMENTAL ACTIVITIES OF HILLY AREAS SUCH AS LANDSLIDE ANALYSIS, SITE EVALUATION FOR HUMAN SETTLEMENT, SAFE DESIGN, SELECTION OF BUILDING MATERIALS AND MODES OF CONSTRUCTION SUITABLE FOR HILLY AREAS.

Liaison:

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 14458 (Part 1):1998 Reviewed In : 2022	Retaining wall for hill area - Guidelines: Part 1 selection of type of wall	September, 2022	-	Indigenous
2	IS 14458 (Part 2):1997 Reviewed In : 2022	Retaining wall for hill area - Guidelines: Part 2 design of retaining/breast walls	September, 2022	-	Indigenous
3	IS 14458 (Part 3):1998 Reviewed In : 2022	Retaining wall for hill area - Guidelines: Part 3 Construction of dry stone walls	September, 2022	-	Indigenous
4	IS 14458 (Part 4):2018 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Retaining wall for hill area - Guidelines: Part 4 Construction of Banded Dry Stone Masonry Walls	November, 2023	-	Indigenous
5	IS 14458 (Part 5):2018 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Retaining wall for hill areas - Guidelines: Part 5 construction of cement stone masonry walls	November, 2023	-	Indigenous
6	IS 14458 (Part 6):2020	Retaining Wall For Hill Area - Guidelines Part 6 Construction of Gabion Walls		-	Indigenous
7	IS 14458 (Part 7):2022	Retaining Wall for Hill Area - Guidelines: Part 7 Construction of Peripheral Reinforced Gabion Walls		-	Indigenous
8	IS 14458 (Part 8):2025	Retaining Wall for Hill Area - Guidelines: Part 8 Design of Reinforced Cement Concrete (RCC) Retaining Walls		-	Indigenous

9	IS 14458 (Part 9):2025	Retaining Wall for Hill Areas Guidelines: Part 9 Construction of Reinforced Cement Concrete (RCC) Crib Wall		-	Indigenous
10	IS 14496 (Part 1):2020	Preparation of Landslide Hazard Zonation Maps in Mountainous Terrains - Guidelines Part 1 Meso-Zonation		-	Indigenous
11	IS 14496 (Part 2):1998 Reviewed In : 2022	Preparation of land slide hazard zonation maps in mountainous terrains - Guidelines: Part 2 macro - Zonation	September, 2022	1	Indigenous
12	IS 14680:2024	Landslide Control Measures - Guidelines (first revision)		-	Indigenous
13	IS 14804:2000 Reviewed In : 2022	Siting, design and selection of materials for residential buildings in hilly areas - Guidelines	September, 2022	-	Indigenous
14	IS 14961:2024	Surface water management in Hilly Areas (including rainwater harvesting) i½ Guidelines (first revision)		-	Indigenous
15	IS 17162:2020	Preparation of Landslide Risk Assessment Maps in Mountainous Terrains - Guidelines		-	Indigenous
16	IS 17163:2020	Site Specific Investigation and Stability Analysis of Landslides - Guidelines		-	Indigenous
17	IS 18736:2024	Micropiles for Slope Stabilization for Mitigation of Landslides - Guidelines		-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	CED 56 (27439)	Retaining Wall for Hill Areas - Guidelines Part 9 Reinforced Soil Structure

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
No Records Found		

Total Published Standards:14 Total Standards Under development:1

Aspect Wise Report

Product : 0

Code of Practices : 13

Methods of Test : 0

Terminology : 0

Dimensions : 0

System Standard : 0

Safety Standard : 0

Others : 4

Service Specification : 0

Process Specification : 0

Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded		
SI. No.	IS No. & Year	Title
No Records Found		

Annexure-II :List of Indian Product Standards		
SI. No.	IS No. & Year	Title
No Records Found		