

ISO 4375:2014-11 (E)

Hydrometry - Cableway systems for stream gauging

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	General description of a cableway system	1
4.1	Elements of a cableway system	1
4.2	Cableway supports	3
4.3	Main track or main cable	3
4.4	Anchorage	3
4.5	Tow cable for a bankside system	3
4.6	Suspension cable	3
4.7	Instrument carriage for a bankside system	4
4.8	Personnel carriage	4
4.9	Winch arrangements for a bankside system	4
4.10	Winch arrangements for a personnel carriage	4
4.11	Lightning protection	4
5	Functional requirements of cableway components	4
5.1	Safety factors	4
5.2	Cableway supports	5
5.3	Selection of main cable or track	6
5.4	Anchorage	6
5.5	Backstays	6
5.6	Tow cable	6
5.7	Carriages	6
5.8	Winches	7
6	Maintenance, examination and testing	9
6.1	General examination	9
6.2	Routine inspection	9
6.3	Static testing	9
6.4	Lubrication	10
6.5	Checking the sag	10
Annex A (informative) Cableway characteristics		11
Annex B (informative) Limiting main cable tension in bankside cableways		22
Bibliography		24