

DIN EN 1709:2019-07 (E)

Safety requirements for cableway installations designed to transport persons - Precommissioning inspection and instructions for maintenance and operational inspection and checks

Contents		Page
	European foreword	4
1	Scope	7
2	Normative references	7
3	Terms and definitions	8
4	General requirements	8
4.1	Application of this Standard	8
4.2	Safety principles	8
4.2.1	General	8
4.2.2	Hazard scenarios	9
4.2.3	Safety measures	9
4.2.3.1	General	9
4.2.3.2	General safety	9
4.2.3.3	Safety of workers	9
5	Precommissioning inspection	9
5.1	General	9
5.2	Verifying the conformity of the installation with the technical documentation and other documents	10
5.3	Checking the individual components, their interaction with each other and with their local environment	10
5.4	Operating test	11
5.5	Submitting the required documentation to the controller	11
5.6	Report on the precommissioning inspection	11
6	Instructions for Maintenance	12
6.1	General	12
6.2	Servicing	13
6.3	Inspection	13
6.3.1	General	13
6.3.2	First inspection of the civil engineering works	13
6.3.3	Monthly inspections	13
6.3.4	Inspection in the case of intermittent operation	14
6.3.5	Annual inspections	14
6.3.5.1	General	14
6.3.5.2	Civil engineering works	14
6.3.5.3	Mechanical equipment	14
6.3.5.4	Carriers and tow-hangers	15
6.3.5.5	Electrical installations	15
6.3.5.6	Safety functions and devices as well as signalling devices	16
6.3.5.7	Mobile evacuation equipment	16
6.3.5.8	Other equipment and components	16
6.3.6	Multiannual inspections	16
6.3.7	Special inspections	17
6.4	Repair	18

7	Instructions for operational inspection and checks	18
7.1	General	18
7.2	Daily operational inspection and checks prior to passenger transportation	18
7.2.1	Operational inspection and checks while the installation is stationary	18
7.2.2	Operational inspection and checks during the test run	19
7.3	Operational inspection and checks during operation	20
7.4	Operational inspection and checks after exceptional events	20
Annex ZA (informative) Relationship between this European Standard and the essential requirements of Regulation (EU) 2016/424		21