

DIN EN ISO 19054:2017-04 (E)

Rail systems for supporting medical equipment (ISO 19054:2005 + Amd1:2016)
(includes Amendment :2016)

Contents	Page
European foreword.....	3
☞ European foreword to Amendment A1.....	4
Annex ZA (informative) ☞ Relationship between this European Standard and the Essential Requirements of EU Directive 93/42/EEC [OJ L 169] aimed to be covered.....	5
Introduction	6
1 Scope.....	7
2 Normative references	7
3 Terms and definitions	7
4 General Requirements	10
4.1 Safety	10
4.2 * Alternative construction.....	11
4.3 Materials.....	11
4.4 Electrical requirements.....	11
5 Rail system requirements.....	11
5.1 Rail supports.....	11
5.2 Rail.....	11
5.3 Joining of rails	16
5.4 Rail clamp	17
5.5 Equipment mount holder	19
5.6 Equipment mount	20
5.7 Equipment mount pin holder	21
5.8 Equipment mount pin.....	22
5.9 * Mechanical characteristics of the rail after installation	22
6 Marking, labelling and packaging	23
7 Testing, commissioning and certification	24
7.1 Tests after installation	24
7.2 Certification of the installed rail system.....	24
8 Information to be supplied by the manufacturer	25
8.1 Upon delivery of rail and supports.....	25
8.2 Upon delivery of other components of the rail system	25
Annex A (informative) Example of a form for certification of the rail system.....	26
Annex B (informative) Rationale.....	27
Annex C (informative) Special national and regional conditions for electrical installations	28
Bibliography.....	29