

ISO/TR 16764:2003-09 (E)

Lifts, escalators and passenger conveyors - Comparison of worldwide standards on electromagnetic interference/electromagnetic compatibility

Contents		Page
Foreword		iv
0	Introduction	v
0.1	Background	v
0.2	Understanding electromagnetic interference/electromagnetic compatibility (EMI/EMC)	v
1	Scope	1
2	Electromagnetic interference/electromagnetic compatibility standards	1
2.1	Background	1
2.2	CISPR/IEC	1
2.3	National committees/standards	3
2.4	CENELEC	5
2.5	Military	5
3	Sources of electromagnetic disturbances	5
3.1	General	5
3.2	Classification of electromagnetic interference (EMI)	6
3.3	Typical EMC phenomena	7
4	EMI/EMC comparison	11
4.1	Emissions standards comparison	11
4.2	Susceptibility/immunity standards comparison	11
5	Test and measurement requirements	11
6	Future development	12
6.1	Europe	12
6.2	China	13
6.3	United States	13
7	Observations and recommendations	13
7.1	General	13
7.2	Emission	14
7.3	Immunity	14
Annex A (normative) Conducted and radiated emission limits		15
Annex B (normative) Susceptibility/Immunity		26
Annex C (normative) Emissions/Immunity		30
Annex D (informative) EMI/EMC units		34
Annex E (informative) Frequency spectrum		35
Bibliography		36