

ISO 13766:2006-05 (E)

Earth-moving machinery - Electromagnetic compatibility

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Fulfilment of requirements	4
5	Requirements -- General tests	4
5.1	Test specimen	4
5.2	Additional requirements for immunity tests	4
5.3	Broadband electromagnetic emission radiated from earth-moving machinery	5
5.4	Narrowband electromagnetic emission radiated from earth-moving machinery	5
5.5	Immunity of earth-moving machinery to electromagnetic radiation	6
5.6	Broadband electromagnetic emissions radiated from ESA	7
5.7	Narrowband electromagnetic emissions radiated from ESA	7
5.8	Immunity of ESA to electromagnetic radiation	7
5.9	Electrostatic discharge (ESD)	8
5.10	Conducted transients	8
6	Exceptions	9
7	Test report	9
Annex A (normative) Reference limits		11
Annex B (normative) Method of measuring radiated broadband electromagnetic emissions from earth-moving machinery		17
Annex C (normative) Method of measuring radiated narrowband electromagnetic emissions from earth-moving machinery		24
Annex D (normative) Method of measuring radiated broadband electromagnetic emissions from ESA		27
Annex E (normative) Method of measuring radiated narrowband electromagnetic emissions from ESA		33
Annex F (informative) Guidelines for selecting test specimen configuration		36