

















Type of equipment or workplace	Assessment required for		
	Workers not at particular risk*	Workers at particular risk (excluding those reliant on active medical devices)†	Workers with active implants or body-worn active medical devices‡
	(1)	(2)	(3)
Electrical circuits within an installation, with a phase current rating of greater than 100 A for the individual circuit – includes wiring, switchgear, transformers, etc – exposure to magnetic fields	Yes	Yes	Yes
Electrical installations with a phase current rating of greater than 100 A – includes wiring, switchgear, transformers, etc – exposure to magnetic fields	Yes	Yes	Yes
Electrical installations with a phase current rating of 100 A or less – includes wiring, switchgear, transformers, etc – exposure to magnetic fields	No	No	No
Generators and emergency generators – work on	No	No	Yes
Inverters, including those on photovoltaic systems	No	No	Yes
Overhead bare conductor rated at a voltage up to 100 kV, or overhead line up to 150 kV, above the workplace – exposure to electric fields	No	No	No
Overhead bare conductor rated at a voltage greater than 100 kV, or overhead line greater than 150 kV ¹ , above the workplace – exposure to electric fields	Yes	Yes	Yes
Overhead bare conductors of any voltage - exposure to magnetic fields	No	No	No
Underground or insulated cable circuit, rated at any voltage – exposure to electric fields	No	No	No
Wind turbines, work on	No	Yes	Yes
Light industry			

¹ For overhead lines above 150 kV the electric field strength will usually, but not always, be lower than the reference level specified in Council Recommendation 1999/519/EC.













