

Table 1 – A priori compliant workplaces and equipment

Item	Designation of work place	Type of equipment	Remarks
T.1.1	Work places open to the general public covered by 4.3 of Directive 2004/40/EC		<p>Work places open to the public and in compliance with the exposure limits given in the European Council recommendation 1999/519/EC are deemed to comply.</p> <p><i>Quote from the Directive 2004/40/EC - 4.3:</i> The assessment, measurement and/or calculations referred to in paragraphs 1 and 2 need not be carried out in work places open to the public provided that an evaluation has already been undertaken in accordance with the provisions of Council Recommendation 1999/519/EC of 12th July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz), and the restrictions as specified therein are respected for workers and safety risks are excluded.</p>
T.1.2	All places	CE-marked equipment which have been assessed using the harmonised EMF standards see examples in Annex C.	Equipment must be installed and used in accordance with the manufacturers instructions.
T.1.3	All places	Equipment placed on the European market in compliance with the European recommendation 1999/519/EC as required by the relevant directives in particular in compliance with their related harmonized standards listed in the OJEU. Examples are provided in Annex C.	Some equipment placed on the European market may also be compliant with the European recommendation 1999/519/EC although they have not received the CE marking, for example if it is part of an installation.
T.1.4	All places	Lighting equipment	Excluding specialized RF energized lighting.
T.1.5	All places	Computer and IT equipment	
T.1.6	All places	Office equipment	Tape erasers may need further assessment.
T.1.7	All places	Mobile phones, and cordless phones	
T.1.8	All places	Two-way radios	Only types with time averaged emitted power less than 20 mW.
T.1.9	All places	Base stations for DECT cordless phones and WLAN (e.g. Wi-Fi)	Limited to equipment intended for use by the general public.
T.1.10	All places	Non - wireless communication equipment and networks	

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Item	Designation of work place	Type of equipment	Remarks
T.1.11	All places	Electric handheld and transportable tools	e.g. covered by the scope of EN 60745-1 and EN 61029-1 See Annex C
T.1.12	All places	Portable heating tools	e.g. covered by the scope of EN 60335-2-45 (e.g. Glue guns, heat guns) See Annex C. Induction heating tools and dielectric heating tools are excluded from Table 1.
T.1.13	All places	Battery chargers	Covered by the scope of EN 60335-2-29. The scope covers chargers for normal household use and chargers intended for use in garages, shops, light industry and on farms See Annex C.
T.1.14	All places	Electric operated garden appliances	
T.1.15	All places	Audio & video equipment	Special types using radio transmitters typically used by the broadcast industry may need further assessment.
T.1.16	All places	Portable battery powered equipment not including radio frequency transmitters.	
T.1.17	All places	Electrical room heating equipment.	Microwave heaters are excluded from this table.
T.1.18	All places	All non-electrical equipment.	

Item	Designation of work place	Type of equipment	Remarks
T.1.19	All places	<p>Electricity supply networks (50 Hz) in the work place and electricity distribution and transmission circuits passing through or over the work place. The magnetic and electric field exposure are considered separately.</p> <p>For magnetic field exposures the following are compliant:</p> <ul style="list-style-type: none"> • any electrical installation with a phase current rating of 100 A or less; • any individual circuit within an installation, with a phase current rating of 100 A or less; • any circuit where the conductors are close together and having a net current of 100 A or less; • all components of the networks satisfying the criteria above are covered, (including the wiring, switchgear, transformers etc.); • any overhead bare conductors of any voltage. <p>For electric fields exposures the following are compliant:</p> <ul style="list-style-type: none"> • any underground or insulated cable circuit, rated at any voltage, • any overhead bare circuit rated at a voltage up to 100 kV, or overhead line up to 125 kV, oversailing the work place, or at any voltage where the workplace is indoors. 	<p>The criteria given here for demonstrating compliance with work place exposure limits are based on demonstrating that the exposures are lower than the lower limits of the EC Recommendation (1999) of EMF exposures for the general public. These criteria are sufficient for demonstrating compliance in the majority of work places.</p> <p>Assessment criteria, based directly on the work place exposure limits of the EC Directive, are given in Annex F. They use 500 A in place of 100 A, 200 kV instead of 100 kV and 250 kV instead of 125 kV. Thus the checklist in F.2.4 may be used for demonstrating compliance for magnetic fields, and F.3.1 may be used for demonstrating compliance for electric fields, in any work place.</p>
T.1.20	All places	Instrumentation, measurement and control equipment.	
T.1.21	All places	Household appliances.	<p>Professional appliances like cookers, laundry machines, microwave ovens etc. used in restaurants, shops etc. are also included in this table.</p> <p>Professional inductive cooking equipment is excluded from this table and needs further assessment.</p>
T.1.22	All places	Computer and IT terminal equipment having wireless communication.	<p>Examples are: WLAN (e.g. Wi-Fi), WMAN (e.g. WiMAX) Bluetooth and similar technologies.</p> <p>Limited to equipment intended for use by the general public.</p>
T.1.23	All places	Battery driven transmitters.	Limited to equipment intended for use by the general public.
T.1.24	All places	Base stations antennas.	Further assessment is only relevant if workers can get closer to the antenna than the defined safety distance in relation to the public exposure limits.

Item	Designation of work place	Type of equipment	Remarks
T.1.25	Medical work places	All medical equipment not using intentional radiation with electromagnetic exposure or application of currents.	

If all the electrical devices in the work place are covered by Table 1, this can be recorded as the conclusion of the assessment, see Annex B.

6 Workplaces likely to require further assessment

Table 2 is a non-exhaustive list of equipment which is likely to require further assessment. If further assessment is required, all equipment listed in Table 1 can be excluded from this assessment.

Table 2 – Examples of equipment likely to require further assessment

Item	Table 2 Equipment type	Remarks
T.2.1	Industrial electrolysis	Both AC and DC types
T.2.2	Electrical welding and melting	
T.2.3	Induction heating	
T.2.4	Dielectric heating	
T.2.5	Dielectric welding	
T.2.6	Industrial magnetizer/demagnetizers	Including bulk tape erasers
T.2.7	Specialized RF energized lighting	
T.2.8	RF plasma devices	Includes vacuum deposition and sputtering
T.2.9	Diathermy	All medical treatment equipment using time averaged emitted high power (> 100 mW) RF sources
T.2.10	Electric crack detector system	
T.2.11	Radars	Typically air traffic control, military, weather radars and long range radars Typically more than 100 mW RMS (> 20 W peak)
T.2.12	Electrically driven transport: trains and trams	(Work in progress in TC 9X WG10 based on the council recommendation)
T.2.13	All medical equipment using intentional radiation with electromagnetic exposure or application of currents.	
T.2.14	Industrial microwave heating and drying	

Item	Table 2 Equipment type	Remarks
T.2.15	Base station antennas	Further assessment is only relevant if workers can get closer to the antenna than the defined safety distance in relation to the public exposure limits .
T.2.16	Electricity supply networks in the work place and electricity distribution and transmission circuits passing over the work place that does not satisfy the criteria given in Table 1.	Assessment criteria are given in Annex F.