

**ATTACHMENT TO TEST REPORT IEC 60335-2-79
EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES**

Safety of household and similar electrical appliances –
Part 2-79: Particular requirements for high pressure cleaners and steam cleaners, for industrial and commercial use

Differences according to:	EN 60335-1:2012 EN 60335-2-79:2012 EN 50366:2003 + A1:2006 or EN 62233:2008
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IEC60335_2_79E – ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	CENELEC COMMON MODIFICATIONS		
6.1	Delete “class 0” and “class 01”	noted	P
7.1	Single-phase appliances to be connected to the supply mains: 230 V covered		P
	Multi-phase appliances to be connected to the supply mains: 400 V covered		N/A
7.10	Devices used to start/stop operational functions of the appliance distinguished from other manual devices by means of shape, size, surface texture, position, etc.		P
	An indication that the device has been operated is given by:		—
	• a tactile feedback, or		N/A
	• an audible and visual feedback		P
7.12	The instructions include the substance of the following:		—
	Machines shall not be used by children. Children should be supervised to ensure that they do not play with the machine (EN 60335-2-79:2012)	Substance given	P
	The instructions for machines intended for commercial use include the substance of the following: (EN 60335-2-79:2012)		—
	This machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge (EN 60335-2-79:2012)		P
	The instructions for machines not intended for commercial use include the substance of the following: (EN 60335-2-79:2012)		—
	This machine can be used by people with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the machine in a safe way and understand the hazards involved. (EN 60335-2-79:2012)		P
	- children shall not play with the appliance		P
	- cleaning and user maintenance shall not be made by children without supervision		P
7.12.Z1	The specific instructions related to the safe operation of this appliance is collated together in the front section of the user instructions		P
	The height of the characters, measured on the capital letters, is at least 3 mm		P
	These instructions are also available in an alternative format, e.g. on a website		P

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Clause	Requirement - Test	Result - Remark	Verdict
7.12.102	The instructions provide information on airborne noise emission as indicated in CC.2.7 (EN 60335-2-79:2012)		P
7.12.103	The instructions provide information on vibration emission as indicated in DD.2 (EN 60335-2-79:2012)		P
8.1.1	Test probe B of EN 61032 is applied with a force not exceeding 1 N (EN 60335-2-79:2012)		P
	the appliance being in every possible position except that appliances normally used on the floor and having a mass exceeding 40 kg are not tilted (EN 60335-2-79:2012)		P
	Through openings, the test probe is applied to any depth that the probe will permit and is rotated or angled before, during and after insertion to any position (EN 60335-2-79:2012)	No entry of test probe	N/A
	If the opening does not allow the entry of the probe, the force on the probe in the straight position is increased to 20 N (EN 60335-2-79:2012)		P
	If the probe then enters the opening, the test is repeated with the probe in the angled position.		N/A
8.2	Compliance is checked by applying the test probe B of EN 61032 (EN 60335-2-79:2012)		P
	For built-in appliances and fixed appliances, the test probe B of EN 61032 is applied only after installation (EN 60335-2-79:2012)		N/A
11.8	Footnotes to "External enclosure of motor-operated appliances" to be taken into account		P
15.1.2	Appliances with an automatic cord reel tested with the cord in the most unfavourable position so that the reeling of the wet cord may affect electrical insulation during operation, the cord not being dried before reeling		N/A
20.2	Compliance is checked by inspection, by the test of 21.1 and by applying a force not exceeding 5 N by means of a test probe that is similar to test probe B of EN 61032 but having a circular stop face with a diameter of 50 mm, instead of the non-circular face." (EN 60335-2-79:2012)		P
	Test probe 18 applied with a force of 2,5N on the appliance fully assembled		P
24.1	Components comply with the safety requirements specified in the relevant standards as far as they reasonably apply		P

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	The requirements of Clause 29 of this standard apply between live parts of components and accessible parts of the appliance.		P
	The requirements of 30.2 of this standard apply to parts of non-metallic material in components including parts of non-metallic material supporting current-carrying connections inside components		P
	Components that have not been previously tested or do not comply with the standard for the relevant component are tested according to the requirements of 30.2		P
	Components that have been previously tested and shown to comply with the resistance to fire requirements in the standard for the relevant component need not be retested provided that:		—
	- the severity specified in the component standard is not less than the severity specified in 30.2, and		P
	- the test report for the component states whether it complied with the standard for the relevant component with or without flame, flames not exceeding 2 s during the test are ignored		P
	Unless components have been previously tested and found to comply with the relevant standard for the number of cycles specified, they are tested in accordance with 24.1.1 to 24.1.9		P
	For components mentioned in 24.1.1 to 24.1.9, no additional tests specified in the relevant standard for the component are necessary other than those specified in 24.1.1 to 24.1.9		P
	Components that have not been separately tested and found to comply with the relevant standard, and		P
	components that are not marked or not used in accordance with their marking,		P
	are tested in accordance with the conditions occurring in the appliance, the number of samples being that required by the relevant standard		P
	Lamp holders and starter holders that have not been previously tested and found to comply with the relevant standard are tested as a part of the appliance and additionally comply with the gauging and interchangeability requirements of the relevant standard under the conditions occurring in the appliance		N/A
	Where the relevant standard specifies these gauging and interchangeability requirements at elevated temperatures, the temperatures measured during the tests of Clause 11 are used		N/A

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	Plugs and socket-outlets and other connecting devices of interconnection cords are not interchangeable with plugs and socket-outlets listed in IEC/TR 60083 or IEC 60906-1, or		N/A
	with connectors and appliance inlets complying with the standard sheets of IEC 60320-1,		N/A
	if direct supply to these parts from the supply mains gives rise to a hazard		N/A
24.1.7	If the remote operation of the appliance is via a telecommunication network, the relevant standard for the telecommunication interface circuitry in the appliance is EN 41003		N/A
	Compliance with Clause 8 of this standard is not impaired by connecting the appliance to a device covered by EN 41003		N/A
24.Z1	For motor running capacitors (IEC 60252-1 type P2) with a metallic enclosure having an overpressure fuse the flame testing of internal plastic parts supporting current carrying connections as required in 30.2.2 and 30.2.3.1 is not necessary	Capacitor with non-metallic enclosure	N/A
25.6	Supply cords of single-phase portable appliances having a rated current not exceeding 16 A, fitted with a plug complying with the following standard sheets of IEC/TR 60083:		—
	- for Class I appliances: standard sheet C2b, C3b or C4	C4 type	P
	- for Class II appliances: standard sheet C5 or C6		N/A
25.7	Rubber sheathed cords (60245 IEC 53) are not suitable for appliances intended to be used outdoors or when they are liable to be exposed to significant amount of ultraviolet radiation	Noted	P
	Halogen-free thermoplastic compound sheathed supply cords have properties at least those of:		—
	<ul style="list-style-type: none"> halogen-free thermoplastic compound sheathed cords (H03Z1Z1H2-F or H03Z1Z1-F), for appliances having a mass not exceeding 3 kg 		N/A
	<ul style="list-style-type: none"> halogen-free thermoplastic compound sheathed cords (H05Z1Z1H2-F or H05Z1Z1-F), for other appliances 		N/A
	Cross-linked halogen-free compound sheathed supply cords have properties at least those of cross-linked halogen-free compound sheathed cords (H07ZZ-F)		N/A

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26.11	Conductors connected by soldering are not considered to be positioned or fixed so that reliance is not placed upon the soldering alone to maintain them in position unless they are held in place near the terminals independently of the solder	Conductors not connected by soldering	N/A
29.3.Z1	Appliance constructed so that if there is a possibility of damaging the insulation during installation, the insulation withstands the scratch and penetration test of 21.2		N/A
32	Compliance regarding electromagnetic fields is checked according to EN 50366 or EN 62233		P
Annex I, 19.1.101	The appliance is supplied at rated voltage and operated under normal operation with each of the fault conditions specified		N/A
	The duration of the test is as specified in 19.7		N/A

CC	Annex CC (NORMATIVE) Emission of acoustical noise (IEC 60335-2-79:2012:02)		—
CC.2	Noise test code		—
CC.2.1	Emission sound pressure level determination		P
	The emission sound pressure level is determined in accordance with ISO 11203, applying the method described in 6.2.3 d) with the measurement distance $d = 1$ m		P
CC.2.2	Sound power level determination		—
	The sound power level is measured in accordance with ISO 3744, or with ISO 3743-1 if a suitable hard-walled test room is available		P
CC.2.3	Operating and mounting conditions		—
	The operating conditions are identical for the determination for both sound power and emission sound pressure level at the specified positions		P
	In addition to normal operation in accordance with 3.1.9, the following requirements taken into account		P
	The high pressure cleaner is installed on the reflecting plane; skid-mounted machines placed on a support 0,40 m high, unless otherwise required by the manufacturer's conditions of installation		P
	The high pressure cleaner is operated under normal operation. Immediate before each series of measurement, the machine is operated for at least 10 min		P

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	The noise emitted by the nozzle and the emission of the water jet hitting any surfaces is excluded from measurement		P
	The period of observation is at least 15 s		P
CC.2.4	Measurement uncertainties		—
	A standard deviation of reproducibility σ_{RO} of less than 1,5 dB is expected for both the A weighted emission sound pressure level according to ISO 11203 and the A-weighted sound power level determined according to ISO 3744 or ISO 3743-1		P
CC.2.5	Information to be recorded		—
	The information to be recorded covers all of the technical requirements of this noise test code		P
	Any deviations from this noise test code or from the basic standards upon which it is based are to be recorded together with the technical justification for such deviations		P
CC.2.6	Information to be reported		—
	The information to be included in the test report is at least that which the manufacturer requires for a noise emission declaration or the user requires to verify the declared values		P
CC.2.7	Declaration and verification of noise emission values		—
	The declaration of the emission sound pressure level is made as a dual-number noise emission declaration according to ISO 4871, where it exceeds 70 dB(A)		P
	Where the emission sound pressure level does not exceed 70 dB(A), this fact may be stated in place of the emission value and uncertainty, e.g. by declaring $L_{pA} \leq 70$ dB(A)		N/A
	It declares the noise emission value L_{pA} and separately the respective uncertainty K_{pA}		P
	The sound power level given as a single value declaration according to ISO 4871 declaring the sum of LWA and the respective uncertainty KWA, where the emission sound pressure level exceeds 80 dB(A).		P
	The noise declaration states that the noise emission values have been obtained according to this noise test code		P
	If this statement is not applicable, the noise declaration indicates clearly what the deviations from this standard, and from the basic standards, are		N/A

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	If undertaken, verification is conducted according to ISO 4871 by using the same mounting, installation and operating conditions as those used for the initial determination of the noise emission values		N/A
DD	Annex DD (NORMATIVE) Emission of vibration (IEC 60335-2-79:2012:02)		—
DD.4	Information on vibration emission		—
	The instructions give the following information:		—
	– the vibration total value to which the hand-arm system is subjected, measured in accordance with this document, if the vibration total value exceeds 2,5 m/s		N/A
	– Where this value does not exceed 2,5 m/s ² , this fact may be stated in place of the emission value and uncertainty, e.g. by declaring $a_h \leq 2,5 \text{ m/s}^2$;		P
	– the uncertainty surrounding this value in accordance with this document		N/A
	These values are either those actually measured for the machine in question or those established on the basis of measurements taken for a technically comparable machine which is representative of the machine being produced		N/A
	Regarding operating conditions during measurement and the methods used for measurement, the reference of the standard applied (IEC 60335-2-79) is specified		N/A
DD.6	Instrumentation requirements as given in clause DD.6.1 to DD.6.5		N/A
DD.7	Testing and operating conditions of the machinery		—
DD.7.1	General		—
	Measurements carried out on technically impeccable and properly serviced machines		N/A
	During testing, the machine equipped and held in a manner similar to that when performing a normal work task. A reasonable warming-up period is undertaken prior to the start of the test		N/A
DD.7.2	Operating conditions		—
	During testing, the machine is operated at rated voltage, and used in accordance with normal operation as defined in this standard and with the manufacturer's specifications, as far as not otherwise specified in this clause		N/A
	The operation is stable and smooth		N/A

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	In particular, the following conditions apply:		—
	– tests carried out at normal operation		N/A
	– spraying device held without tension, with a downwards angle of $45^\circ \pm 5^\circ$, spraying the water jet to the atmosphere without working towards any barrier (see Figure DD.5). Gloves not used unless required as PPE due to manufacturer's instructions.		N/A
	– pulsation dampener not used, as far as possible. If a pulsation dampener is unchangeably fixed to the machine, this fact has to be reported		N/A
	– length of the hose line not more than 10 m. If the standard length according to the manufacturer's instructions is more than 10 m, the standard hose may be used; in this case the length has to be reported. The type of the hose line is to be reported		N/A
	– nominal diameter not more than DN 12. If the standard nominal diameter according to the manufacturer's instructions is more than DN 12, the standard hose may be used; in this case the nominal diameter has to be reported		N/A
	– during measurement, the hose lies without interference and in particular without touching the operator		N/A
DD.7.3	Operators		—
	Three different operators operate the machine during testing		N/A
	The vibration of the machine is influenced by the operators, operators therefore skilled enough to be able to hold and operate the machine correctly		N/A
DD.8	Measurement procedure and validity		—
DD.8.1	Reported vibration values		—
	Three series of five consecutive tests carried out on each machine tested, using a different operator for each series		N/A
	Values reported as in Annex EE		N/A
	Test carried out for the machine as described in Clause DD.7 and reported for a standard nozzle		N/A
	If it is necessary to report alternative vibration values, the tests carried out as described in DD.8.2		N/A
	For nozzles which cause significantly higher vibration values, these values reported also. If only one value is to be reported, this is the higher one		N/A

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Clause	Requirement - Test	Result - Remark	Verdict
DD.8.2	Declaration and verification of the vibration emission value		—
	The ahv value for each operator calculated as the arithmetic mean of ahv values for the five test runs		N/A
	For each hand position, the result from the three operators combined into one value, ah , using the arithmetic mean of the three ahv values		N/A
	For tests using only one machine, the declared value, ahd , is the highest of the ah values reported for the two hand positions		N/A
	For tests using three or more machines, ah values for each hand position calculated as the arithmetic mean of the ah values for the different machines on that hand position		N/A
	The declared value, ahd , is the highest of the ah values reported for the two hand positions		N/A
DD.9	Measurement report		—
	The following information given in the test report:		—
	– reference to this document;		N/A
	– name of the measuring laboratory;		N/A
	– date of measurement and name of the person responsible for the test;		N/A
	– specification of the hand-held machine (manufacturer, type, serial number, etc.);		N/A
	– declared emission value ahd and uncertainty K;		N/A
	– type of nozzle, trigger gun, hose;		N/A
	– energy supply (input voltage etc., as applicable);		N/A
	– instrumentation (accelerometer, recording system, hardware, software, etc.);		N/A
	– position and fastening of transducers, measuring directions and individual vibration values;		N/A
	– operating conditions, and other quantities to be specified according to Clause DD.7;		N/A
	– detailed results of the test (see Annex EE)		N/A
	If transducer positions or measurements other than those specified in this document are used, they are clearly defined and an explanation of the reason for the change in the position of the transducer inserted in the test report		N/A
DD.10	Determination of uncertainty as given in clauses DD.10.1 to DD.10.3		N/A

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ZA	ANNEX ZA (NORMATIVE) SPECIAL NATIONAL CONDITIONS		—
	Norway		—
19.5	The test is also applicable to appliances intended to be permanently connected to fixed wiring		N/A
	Norway		—
22.2	The second paragraph of this subclause, dealing with single-phase, permanently connected class I appliances having heating elements, is not applicable due to the supply system		N/A
	All CENELEC countries		—
25.6 and 25.25	Information concerning National plug and socket-outlets is available from the CENELEC website. Normative national requirements concerning plug and socket-outlets are shown in the relevant National standard		P
	Ireland and United Kingdom		—
25.8	In the table, the lines for 10 A and 16 A are replaced by:		—
	> 10 and ≤ 13 1,25		N/A
	> 13 and ≤ 16 1,5		N/A
ZB	ANNEX ZB (INFORMATIVE) A-DEVIATIONS		—
	Ireland		N/A
25.6	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and in general allow only plugs complying with I.S. 401:1997, or equivalent, to be fitted to domestic appliances		N/A
	United Kingdom		—
25.6	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and in general allow only plugs to BS 1363 to be fitted to domestic appliances. It also allows plugs to BS 4573 and EN 50075 to be fitted to shavers and toothbrushes		N/A
ZC	ANNEX ZC (NORMATIVE) NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR CORRESPONDING EUROPEAN PUBLICATIONS		—
	A list of referenced documents in this standard		P

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ZD	ANNEX ZD (INFORMATIVE) IEC and CENELEC CODE DESIGNATIONS FOR FLEXIBLE CORDS		—
	A table with IEC and CENELEC code designations for flexible cords		P

ZE	ANNEX ZE (INFORMATIVE) SPECIFIC ADDITIONAL REQUIREMENTS FOR APPLIANCES AND MACHINES INTENDED FOR COMMERCIAL USE		—
7.1	Business name and full address of the manufacturer and, where applicable, his authorized representative.....:	Fortador K.A. Traczyńscy Sp. Komandytowo-Akcyjna Ul.Aleja Krakowska 108 05-090 Sękocin Stary, Poland	P
	Model or type reference.....:	Pro	P
	Serial number, if any.....:	B010280	P
	Production year	2022	P
	Designation of the appliance	See note 101	P
7.12	Instructions provided with the appliance so that the appliance can be used safely		P
	The instructions contain at least the following information:		—
	- the business name and full address of the manufacturer and, where applicable, his authorized representative		P
	- model or type reference of the appliance as marked on the appliance itself, except for the serial number		P
	- the designation of the appliance together with its explanation in case it is given by a combination of letters and/or numbers		P
	- the general description of the appliance, when needed due to the complexity of the appliance		P
	- specific precautions if required during installation, operation, adjusting, user maintenance, cleaning, repairing or moving		P
	- when needed drawings, diagrams, descriptions and explanations necessary for the safe use and user maintenance of the appliance		P
	- the possible reasonably foreseeable misuse and, whenever relevant, a warning against the effects it may have on the safe use of the appliance		P
	The words "Original instructions" appear on the language version(s) verified by the manufacturer or by the authorized representative		P

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	When a translation of the original instructions has been provided by a person introducing the appliance on the market; the meaning of the sentence “Translation of the original instructions” appear in the relevant instructions delivered with the appliance		P
	The instructions for maintenance/service to be done by specialized personnel, mandated by the manufacturer or the authorized representative may be supplied in only one Community language which the specialized personnel understand		P
	The instructions indicate the type and frequency of inspections and maintenance required for safe operation including the preventive maintenance measures		P
7.12.ZE1	If needed for specific appliances, the following information to be given:		—
	<ul style="list-style-type: none"> on use, transportation, assembly, dismantling when out of service, testing or foreseeable breakdowns, if these operations have consequences on stability of the appliance in order to avoid overturning, falling or uncontrolled movements of the appliance or of its component parts 		P
	<ul style="list-style-type: none"> on how to maintain adequate mechanical stability when in use, during transportation, assembly, dismantling, scrapping and any other action involving the appliance 		P
	<ul style="list-style-type: none"> on the protective measures to be taken by the user, including, where appropriate, the personal protective equipment to be provided 		P
	<ul style="list-style-type: none"> on the operating method to be followed in the event of accident or breakdown; if a blockage is likely to occur the operating method to safely unblock the appliance 		P
	<ul style="list-style-type: none"> on the specifications on the spare parts to be used, when these affect the health and safety of the operator 		P
	<ul style="list-style-type: none"> on airborne noise emissions, determined and declared in accordance with the relevant Part 2, which includes: 		—
	- the A-weighted emission sound pressure level at workstations, where this exceeds 70 dB(A)	77 dB(A)	P
	- where this level does not exceed 70 dB(A), this fact is indicated		N/A

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	- the peak C-weighted instantaneous sound pressure value at workstations, where this exceeds 63 Pa (130 dB in relation to 20 µPa)		N/A
	- the A-weighted sound power level emitted by the machinery, where the A-weighted emission sound pressure level at workstations exceeds 80 dB(A).....		N/A
7.12.ZE2	The instructions includes a warning to disconnect the appliance from its power source during service and when replacing parts		P
	If the removal of the plug is foreseen, it is clearly indicated that the removal of the plug has to be such that an operator can check from any of the points to which he has access that the plug remains removed		P
	If this is not possible, due to the construction of the appliance or its installation, a disconnection with a locking system in the isolated position is provided		N/A
19.11.4.8	The appliance continues to operate, without causing any hazard to the user, from the same point in its operating cycle at which the voltage fluctuation occurred, or		N/A
	a manual operation is required to restart it		N/A
20.1	Appliances and their components and fittings have adequate mechanical stability during transportation, assembly, dismantling and any other action involving the appliance		P
20.2	Dangerous moving transmission parts safeguarded either by design or guards	No moving parts	N/A
	When guards are used, they are fixed guards, interlocking movable guards or protective devices		N/A
	Moving parts directly involved in the function of the appliance which cannot be made completely inaccessible fitted with:		—
	- fixed guards or interlocking movable guards preventing access to those sections of the parts that are not used in the work, and		N/A
	- adjustable guards restricting access to those sections of the moving parts where access is necessary		N/A
	Interlocking movable guards used where frequent access is required		N/A

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21.1	Appliances and their components and fittings have adequate mechanical strength and is constructed to withstand such rough handling that may be expected in normal use, during transportation, assembly, dismantling, scrapping and any other action involving the appliance		P
22.ZE.1	For appliances provided with a seat, the seat gives adequate stability		N/A
	The distance between the seat and the control devices capable of being adapted to the operator		N/A
22.ZE.2	For appliances provided with separate devices for the start and the stop functions, the stop function is unambiguously identifiable and does always override the start function		N/A
	For appliances provided with one device performing the start and the stop function, the stop function is unambiguously identifiable and does always override the start function		P
22.ZE.3	Appliances designed in such a way that incorrect mounting is avoided, if this can lead to an unsafe situation		N/A
	If this is not possible, information on the correct mounting is given directly on the part and/or the enclosure		N/A
22.ZE.4	Where the weight, size or shape prevents appliances from being moved manually, they are fitted with attachments for lifting gear, or		N/A
	so designed that they can be fitted with such attachments, or		N/A
	be shaped in such a way that standard lifting gear can easily be used		N/A
	Appliances to be moved manually are constructed or equipped so that they can be moved easily and safely		P
22.ZE.5	The fixing systems of fixed guards which prevent access to dangerous moving transmission parts only removable with the use of tools		N/A
	If such guards have to be removed by the user for routine cleaning or maintenance their fixing systems remain attached to the fixed guards or to the machine after removal		N/A
	Where possible, guards are incapable of remaining in place without their fixings		N/A
	This does not apply if, after removal of the screws, or if the component is incorrectly repositioned, the appliance becomes inoperative		N/A

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	Movable guards are interlocked		N/A
	The interlocking devices prevent the start of hazardous appliance functions until the guards are fixed in their position, and give a stop command whenever they are no longer closed		N/A
	Where it is possible for an operator to reach the danger zone before the risk due to hazardous appliance functions has ceased, movable guards associated with a guard locking device in addition to an interlocking device that:		—
	- prevents the start of hazardous appliance functions until the guard is closed and locked, and		N/A
	- keeps the guard closed and locked until the risk of injury from the hazardous appliance functions has ceased		N/A
	Interlocking movable guards remain attached to the appliance when open, and		N/A
	they are designed and constructed in such a way that they can be adjusted only by means of an intentional action		N/A
22.ZE.6	Interlocking movable guards designed in such a way that the absence or failure of one of their components prevents starting or stops the hazardous appliance functions		N/A
	The guard is opened to the extent needed to cause the interlocking to operate and is then closed, the number of operations being defined in the specific Part 2		N/A
	After this test any defect that may be expected in normal use is applied to the interlock system, including interruption of the supply, only one defect being simulated at a time		N/A
	After these tests the interlock system is fit for further use		N/A
22.ZE.7	Adjustable guards restricting access to areas of the moving parts strictly necessary for the work are:		—
	- adjustable manually or automatically, depending on the type of work involved, and		N/A
	- readily adjustable without the use of tools		N/A
22.ZE.8	In case of interruption, re-establishment after an interruption or fluctuation in whatever manner of the power supply, the appliance does not restart		N/A
	However, automatic restarting of the operation is allowed if the appliance may continue to operate, without causing any hazard to the user, from the same point in its operating cycle at which the voltage interruption or fluctuation occurred		P

IEC60335_2_79E – ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
22.ZE.9	Appliances fitted with means to isolate them from all energy sources		P
	Such isolators are clearly identified, and		P
	they are capable of being locked if reconnection endanger persons	Reconnection does not endanger persons	N/A
	After the energy source is disconnected, it is possible to dissipate any energy remaining or stored in the circuits of the appliance without risk to persons		P
ZF	ANNEX ZF (INFORMATIVE) CRITERIA APPLIED FOR THE ALLOCATION OF PRODUCTS COVERED BY STANDARDS IN THE EN 60335 SERIES UNDER LVD OR MD		—
	List of standards under CENELEC/TC61 with the allocation under the LVD (Low Voltage Directive) or the MD (Machinery Directive)	2006/42/EC	P
ZG	ANNEX ZG (NORMATIVE) UV APPLIANCES		—
	The following modifications to this standard apply to appliances having UV emitters		N/A
	This annex is not applicable to appliances covered by the scopes of IEC 60335-2-27, IEC 60335-2-59 or IEC 60335-2-109		N/A
7.12.ZG	The instructions for appliances incorporating UVC emitters include the substance of the following: WARNING — This appliance contains a UV emitter. Do not stare at the light source		N/A
32	For appliances incorporating UV emitters the manufacturer delivers a declaration providing evidence that the plastic material exposed to the radiation is UV resistant		N/A
ZZ	ANNEX ZZ (INFORMATIVE) COVERAGE OF ESSENTIAL REQUIREMENTS OF EC DIRECTIVES		—
	Description of the relation between this European standard and the LVD (Low Voltage Directive, 2006/95/EC) and the MD (Machinery Directive, 2006/42/EC)		P

IEC60335_2_79E – ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict

Annex EN 62233:2008			
Clause	Requirement + Test	Result - Remark	Verdict
EMF- ELECTROMAGNETICS FIELDS			
	The tested product also complies with the requirements of EN 62233:2008		-
	Limit 100%	Measured max.: 3,18%	P
Supplementary information:			