IEC62841_2_10 - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict

ATTACHMENT TO TEST REPORT IEC 62841-2-10

EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES
Electric Motor-Operated Hand-Held, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-10: Particular requirements for hand-held mixers

Differences according to.....: EN 62841-2-10:2017

	CENELEC COMMON MODIFICATIONS (EN)	**-**

18	**ABNORMAL OPERATION**		**-**
18.8	Replace the table 4 by the following: **Table 4 – Required performance levels** Type and purpose of SCF / Minimum Performance Level (PL) **Power switch** – prevent unwanted switch-on: b **Power switch** – provide desired switch-off: a Any electronic control to pass the test of 18.3: a Any speed limiting device: Not an SCF Provide desired direction of rotation: Not an SCF Prevent exceeding thermal limits as in Clause 18: a Prevent self-resetting as required in 23.3: b Prevent unwanted lock-on of the **power switch** function: a Restart prevention as required by 21.18.1.1: b		N/A

21	**CONSTRUCTION**		**-**
21.18.1.1	Replace the note in 21.18.1.1 with the following:		-
	For mixers, either – the power switch shall be a momentary power switch without having a locking arrangement in the “on” position		P
	or – the tool shall not restart after an interruption of the mains supply without releasing and re-actuating the power switch.		N/A

ANNEX I	**MEASUREMENT OF NOISE AND VIBRATION EMISSIONS**		**-**
	Replace the title of Annex I by the following **Annex I** **(normative)** and delete the note.		P
I.2	Noise test code (grade 2)		P
	This clause of Part 1 is applicable except as follows:		P

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I.2.4	Installation and mounting conditions of the power tools during noise tests		-
	Mixers are suspended vertically with no mixer basket installed.		P
I.2.5	Operating conditions		-
	Mixers are tested at no-load, all speed setting devices adjusted to the highest value.		P
I.3	Vibration		-
	This clause of Part 1 is applicable except as follows:		P
I.3.3.2	Location of measurement		-
	Figure I.101 shows the position for different types of tools.		P
I.3.5.3	Operating conditions		-
	Mixers are tested at no-load, all speed setting devices adjusted to the highest value.		P
	During the test, the tool is held vertically.		P
	For the test, one simulated test mixer basket with a specified unbalance as shown in Figure I.102 is mounted to the output spindle or, for tools with more than one output spindle, to one of the output spindles.		P
	The test mixer basket consists of a steel rod and an aluminium wheel with an unbalance, see Figure I.103, mounted appropriately to the steel rod.		P
	The upper end of the steel rod may be modified in order to fit to the output spindle.		P
I.3.6.2	Declaration of the vibration total value		-
	The vibration total value a_h of the handle with the highest emission and the uncertainty K shall be declared.	<2,5 m/s^2; K = 1,5 m/s^2	P

ANNEX KK	**BATTERY TOOLS AND BATTERY PACKS**		**-**
	Add the following annex: **Annex KK** **(normative)**		N/A
	Replace the note with the following:		-
K.21.18.Z101	Isolation and disabling device		N/A
	Tools with an **integral battery** shall either be equipped		N/A
	- with an isolation device to prevent the risk of injury from mechanical hazards during servicing or **user maintenance**; or		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	- with a disabling device that prevents unintentional starting of the tool.		N/A
	An isolation device shall		N/A
	- provide disconnection of all poles of the battery from the serviceable region of the tool;		N/A
	- be equipped with an unambiguous indication of the state of the disconnection device which corresponds to each position of its manual control (actuator);		N/A
	- be provided with protection against accidental reconnection.		N/A
	A disabling device may be achieved by any of the following:		N/A
	- a self-restoring or non-self-restoring lock-off device where two separate and dissimilar actions are necessary before the motor is switched on (e.g. a power switch which has to be pushed in before it can be moved laterally to close the contacts to start the motor). It shall not be possible to achieve these two actions with a single grasping motion or a straight line motion;		N/A
	- a removable disabling device provided with the tool where it shall not be possible for the tool to be operated when either applied or removed.		N/A
	Compliance is checked by inspection and by manual test.		N/A

----------END----------