TEST REPORT

EN 60745-2-5

Safety of Hand-Held Motor-Operated Electric Tools

Part 2-5: Particular requirements for circular saws

Report Reference No.	:	SH09090883-001
Compiled by (+ signature)	:	Solid Jin
Approved by (+ signature)	:	Keky Liu
Date of issue	:	January 6, 2010
		Amendment 1: September 29, 2010
Testing Laboratory	:	Intertek Testing Services Shanghai Limited
Address	:	Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Applicant's name	:	Ningbo Xiecheng Power Tools Co., Ltd.
Address	:	Tong Jiao Si Chunhu Town, Fenghua, Zhejiang, P. R. China
Test specification:		
Standard	:	Part One: EN60745-1:2009 Part Two: EN 60745-2-5:2007+A11:2009 Part Three: Parts of EN 60825-1:2007 (For laser module)
Test procedure	:	GS
Non-standard test method	:	N/A
Test Report Form No.	:	TTRF No. EN60745_2_5A
TRF Originator	:	Intertek Shanghai
Master TRF	:	2009-12
Test item description	:	Circular Saw
Trade Mark	:	-
Manufacturer	:	Ningbo Xiecheng Power Tools Co., Ltd. Tong Jiao Si Chunhu Town, Fenghua, Zhejiang, P. R. China

Model/Type reference.....:

M1Y-DU09-160-38-1200, M1Y-DU09-160J-38-1200, M1Y-DU09-160R-38-1200, M1Y-DU09-160JR-38-1200, M1Y-DU09-160-38-1300, M1Y-DU09-160J-38-1300, M1Y-DU09-160R-38-1300, M1Y-DU09-160JR-38-1300

M1Y-DU26-185-38-1200, M1Y-DU26-185J-38-1200, M1Y-DU26-185R-38-1200, M1Y-DU26-185JR-38-1200, M1Y-DU26-185L-38-1200, M1Y-DU26-185LJ-38-1200, M1Y-DU26-185LR-38-1200, M1Y-DU26-185LJR-38-1200, M1Y-DU26-185-38-1300, M1Y-DU26-185J-38-1300, M1Y-DU26-185R-38-1300, M1Y-DU26-185JR-38-1300, M1Y-DU26-185L-38-1300, M1Y-DU26-185LJ-38-1300, M1Y-DU26-185LR-38-1300, M1Y-DU26-185LJR-38-1300

M1Y-DU26-185-43-1200, M1Y-DU26-185J-43-1200, M1Y-DU26-185R-43-1200,M1Y-DU26-185JR-43-1200, M1Y-DU26-185L-43-1200, M1Y-DU26-185LJ-43-1200, M1Y-DU26-185LR-43-1200, M1Y-DU26-185LJR-43-1200, M1Y-DU26-185-43-1300, M1Y-DU26-185J-43-1300, M1Y-DU26-185R-43-1300, M1Y-DU26-185JR-43-1300, M1Y-DU26-185L-43-1300, M1Y-DU26-185LJ-43-1300, M1Y-DU26-185LR-43-1300, M1Y-DU26-185LJR-43-1300

M1Y-DU26-185-48-1400, M1Y-DU26-185J-48-1400, M1Y-DU26-185R-48-1400, M1Y-DU26-185JR-48-1400, M1Y-DU26-185L-48-1400, M1Y-DU26-185LJ-48-1400, M1Y-DU26-185LR-48-1400, M1Y-DU26-185LJR-48-1400, M1Y-DU26-185-48-1500, M1Y-DU26-185J-48-1500, M1Y-DU26-185R-48-1500, M1Y-DU26-185JR-48-1500, M1Y-DU26-185L-48-1500, M1Y-DU26-185LJ-48-1500, M1Y-DU26-185LR-48-1500, M1Y-DU26-185LJR-48-1500

M1Y-DU09-190-38-1200, M1Y-DU09-190J-38-1200, M1Y-DU09-190R-38-1200, M1Y-DU09-190JR-38-1200, M1Y-DU09-190L-38-1200, M1Y-DU09-190LJ-38-1200, M1Y-DU09-190LR-38-1200, M1Y-DU09-190LJR-38-1200, M1Y-DU09-190-38-1300, M1Y-DU09-190J-38-1300, M1Y-DU09-190R-38-1300, M1Y-DU09-190JR-38-1300, M1Y-DU09-190L-38-1300, M1Y-DU09-190LJ-38-1300, M1Y-DU09-190LR-38-1300, M1Y-DU09-190LJR-38-1300

M1Y-DU09-190-43-1200, M1Y-DU09-190J-43-1200, M1Y-DU09-190R-43-1200, M1Y-DU09-190JR-43-1200, M1Y-DU09-190L-43-1200, M1Y-DU09-190LJ-43-1200, M1Y-DU09-190LR-43-1200, M1Y-DU09-190LJR-43-1200, M1Y-DU09-190-43-1300, M1Y-DU09-190J-43-1300, M1Y-DU09-190R-43-1300, M1Y-DU09-190JR-43-1300, M1Y-DU09-190L-43-1300, M1Y-DU09-190LJ-43-1300, M1Y-DU09-190LR-43-1300, M1Y-DU09-190LJR-43-1300

M1Y-DU09-190-48-1400, M1Y-DU09-190J-48-1400, M1Y-DU09-190R-48-1400, M1Y-DU09-190JR-48-1400, M1Y-DU09-190L-48-1400, M1Y-DU09-190LJ-48-1400, M1Y-DU09-190LR-48-1400, M1Y-DU09-190LJR-48-1400, M1Y-DU09-190-48-1500, M1Y-DU09-190J-48-1500, M1Y-DU09-190R-48-1500, M1Y-DU09-190JR-48-1500, M1Y-DU09-190L-48-1500,M1Y-DU09-190LJ-48-1500, M1Y-DU09-190LR-48-1500, M1Y-DU09-190LJR-48-1500

M1Y-DU31-185J-38-1200, M1Y-DU31-185JL-38-1200, M1Y-DU31-185J-38-1300, M1Y-DU31-185JL-38-1300
M1Y-DU31-185J-43-1200, M1Y-DU31-185JL-43-1200, M1Y-DU31-185J-43-1300, M1Y-DU31-185JL-43-1300

M1Y-DU31-185J-48-1400, M1Y-DU31-185JL-48-1400, M1Y-DU31-185J-48-1500, M1Y-DU31-185JL-48-1500

Ratings.....: 230-240V~, 50Hz, 4700/min, Class II
(See below table for other ratings for each model/type)

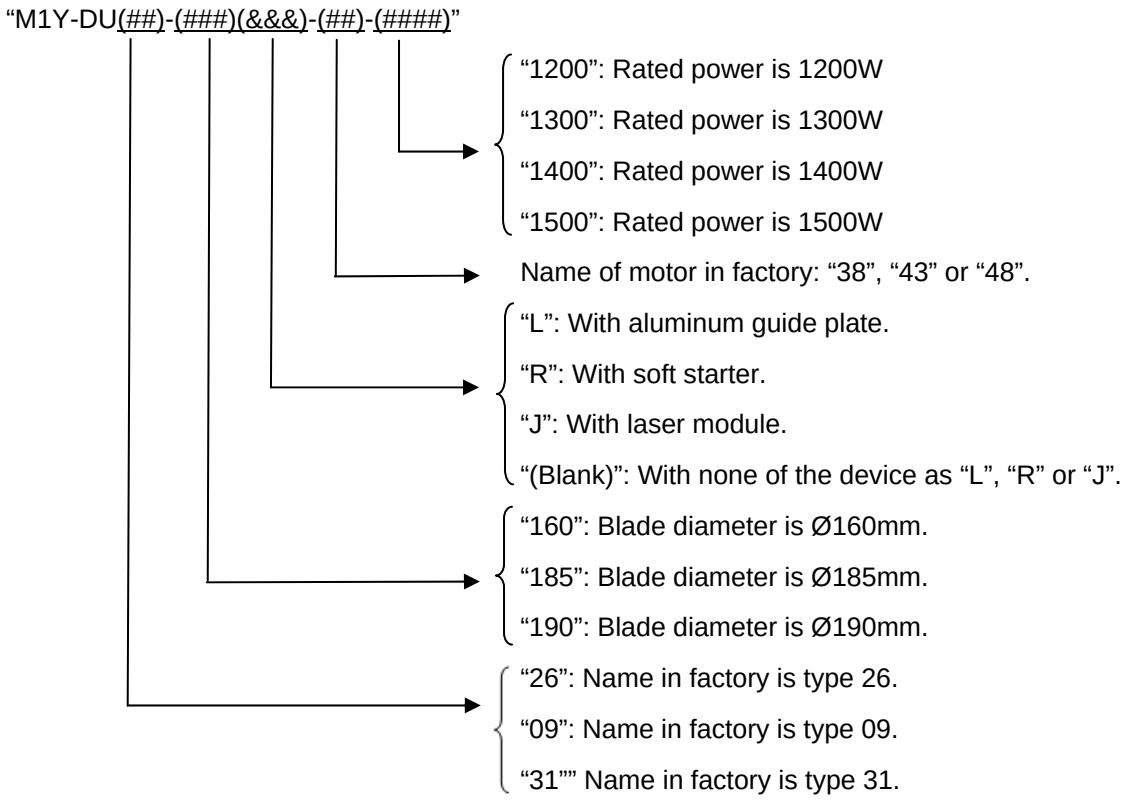
Remarks .....: The configuration of all models/types are listed in below table.

Model	Rated power	Blade diameter	Soft starter	Laser	Guide plate
M1Y-DU09-160-38-1200	1200W	Ø160mm	No	No	Steel
M1Y-DU09-160J-38-1200	1200W	Ø160mm	No	Yes	Steel
M1Y-DU09-160R-38-1200	1200W	Ø160mm	Yes	No	Steel
M1Y-DU09-160JR-38-1200	1200W	Ø160mm	Yes	Yes	Steel
M1Y-DU09-160-38-1300	1300W	Ø160mm	No	No	Steel
M1Y-DU09-160J-38-1300	1300W	Ø160mm	No	Yes	Steel
M1Y-DU09-160R-38-1300	1300W	Ø160mm	Yes	No	Steel
M1Y-DU09-160JR-38-1300	1300W	Ø160mm	Yes	Yes	Steel
M1Y-DU26-185-38-1200	1200W	Ø185mm	No	No	Steel
M1Y-DU26-185J-38-1200	1200W	Ø185mm	No	Yes	Steel
M1Y-DU26-185R-38-1200	1200W	Ø185mm	Yes	No	Steel
M1Y-DU26-185JR-38-1200	1200W	Ø185mm	Yes	Yes	Steel
M1Y-DU26-185L-38-1200	1200W	Ø185mm	No	No	Aluminum
M1Y-DU26-185LJ-38-1200	1200W	Ø185mm	No	Yes	Aluminum
M1Y-DU26-185LR-38-1200	1200W	Ø185mm	Yes	No	Aluminum
M1Y-DU26-185LJR-38-1200	1200W	Ø185mm	Yes	Yes	Aluminum
M1Y-DU26-185-38-1300	1300W	Ø185mm	No	No	Steel
M1Y-DU26-185J-38-1300	1300W	Ø185mm	No	Yes	Steel
M1Y-DU26-185R-38-1300	1300W	Ø185mm	Yes	No	Steel
M1Y-DU26-185JR-38-1300	1300W	Ø185mm	Yes	Yes	Steel
M1Y-DU26-185L-38-1300	1300W	Ø185mm	No	No	Aluminum
M1Y-DU26-185LJ-38-1300	1300W	Ø185mm	No	Yes	Aluminum
M1Y-DU26-185LR-38-1300	1300W	Ø185mm	Yes	No	Aluminum
M1Y-DU26-185LJR-38-1300	1300W	Ø185mm	Yes	Yes	Aluminum
M1Y-DU26-185-43-1200	1200W	Ø185mm	No	No	Steel
M1Y-DU26-185J-43-1200	1200W	Ø185mm	No	Yes	Steel
M1Y-DU26-185R-43-1200	1200W	Ø185mm	Yes	No	Steel
M1Y-DU26-185JR-43-1200	1200W	Ø185mm	Yes	Yes	Steel
M1Y-DU26-185L-43-1200	1200W	Ø185mm	No	No	Aluminum
M1Y-DU26-185LJ-43-1200	1200W	Ø185mm	No	Yes	Aluminum
M1Y-DU26-185LR-43-1200	1200W	Ø185mm	Yes	No	Aluminum
M1Y-DU26-185LJR-43-1200	1200W	Ø185mm	Yes	Yes	Aluminum
M1Y-DU26-185-43-1300	1300W	Ø185mm	No	No	Steel
M1Y-DU26-185J-43-1300	1300W	Ø185mm	No	Yes	Steel
M1Y-DU26-185R-43-1300	1300W	Ø185mm	Yes	No	Steel
M1Y-DU26-185JR-43-1300	1300W	Ø185mm	Yes	Yes	Steel
M1Y-DU26-185L-43-1300	1300W	Ø185mm	No	No	Aluminum
M1Y-DU26-185LJ-43-1300	1300W	Ø185mm	No	Yes	Aluminum
M1Y-DU26-185LR-43-1300	1300W	Ø185mm	Yes	No	Aluminum

M1Y-DU26-185LJR-43-1300	1300W	Ø185mm	Yes	Yes	Aluminum
M1Y-DU26-185-48-1400	1400W	Ø185mm	No	No	Steel
M1Y-DU26-185J-48-1400	1400W	Ø185mm	No	Yes	Steel
M1Y-DU26-185R-48-1400	1400W	Ø185mm	Yes	No	Steel
M1Y-DU26-185JR-48-1400	1400W	Ø185mm	Yes	Yes	Steel
M1Y-DU26-185L-48-1400	1400W	Ø185mm	No	No	Aluminum
M1Y-DU26-185LJ-48-1400	1400W	Ø185mm	No	Yes	Aluminum
M1Y-DU26-185LR-48-1400	1400W	Ø185mm	Yes	No	Aluminum
M1Y-DU26-185LJR-48-1400	1400W	Ø185mm	Yes	Yes	Aluminum
M1Y-DU26-185-48-1500	1500W	Ø185mm	No	No	Steel
M1Y-DU26-185J-48-1500	1500W	Ø185mm	No	Yes	Steel
M1Y-DU26-185R-48-1500	1500W	Ø185mm	Yes	No	Steel
M1Y-DU26-185JR-48-1500	1500W	Ø185mm	Yes	Yes	Steel
M1Y-DU26-185L-48-1500	1500W	Ø185mm	No	No	Aluminum
M1Y-DU26-185LJ-48-1500	1500W	Ø185mm	No	Yes	Aluminum
M1Y-DU26-185LR-48-1500	1500W	Ø185mm	Yes	No	Aluminum
M1Y-DU26-185LJR-48-1500	1500W	Ø185mm	Yes	Yes	Aluminum
M1Y-DU09-190-38-1200	1200W	Ø190mm	No	No	Steel
M1Y-DU09-190J-38-1200	1200W	Ø190mm	No	Yes	Steel
M1Y-DU09-190R-38-1200	1200W	Ø190mm	Yes	No	Steel
M1Y-DU09-190JR-38-1200	1200W	Ø190mm	Yes	Yes	Steel
M1Y-DU09-190L-38-1200	1200W	Ø190mm	No	No	Aluminum
M1Y-DU09-190LJ-38-1200	1200W	Ø190mm	No	Yes	Aluminum
M1Y-DU09-190LR-38-1200	1200W	Ø190mm	Yes	No	Aluminum
M1Y-DU09-190LJR-38-1200	1200W	Ø190mm	Yes	Yes	Aluminum
M1Y-DU09-190-38-1300	1300W	Ø190mm	No	No	Steel
M1Y-DU09-190J-38-1300	1300W	Ø190mm	No	Yes	Steel
M1Y-DU09-190R-38-1300	1300W	Ø190mm	Yes	No	Steel
M1Y-DU09-190JR-38-1300	1300W	Ø190mm	Yes	Yes	Steel
M1Y-DU09-190L-38-1300	1300W	Ø190mm	No	No	Aluminum
M1Y-DU09-190LJ-38-1300	1300W	Ø190mm	No	Yes	Aluminum
M1Y-DU09-190LR-38-1300	1300W	Ø190mm	Yes	No	Aluminum
M1Y-DU09-190LJR-38-1300	1300W	Ø190mm	Yes	Yes	Aluminum
M1Y-DU09-190-43-1200	1200W	Ø190mm	No	No	Steel
M1Y-DU09-190J-43-1200	1200W	Ø190mm	No	Yes	Steel
M1Y-DU09-190R-43-1200	1200W	Ø190mm	Yes	No	Steel
M1Y-DU09-190JR-43-1200	1200W	Ø190mm	Yes	Yes	Steel
M1Y-DU09-190L-43-1200	1200W	Ø190mm	No	No	Aluminum
M1Y-DU09-190LJ-43-1200	1200W	Ø190mm	No	Yes	Aluminum
M1Y-DU09-190LR-43-1200	1200W	Ø190mm	Yes	No	Aluminum
M1Y-DU09-190LJR-43-1200	1200W	Ø190mm	Yes	Yes	Aluminum
M1Y-DU09-190-43-1300	1300W	Ø190mm	No	No	Steel
M1Y-DU09-190J-43-1300	1300W	Ø190mm	No	Yes	Steel
M1Y-DU09-190R-43-1300	1300W	Ø190mm	Yes	No	Steel
M1Y-DU09-190JR-43-1300	1300W	Ø190mm	Yes	Yes	Steel

M1Y-DU09-190L-43-1300	1300W	Ø190mm	No	No	Aluminum
M1Y-DU09-190LJ-43-1300	1300W	Ø190mm	No	Yes	Aluminum
M1Y-DU09-190LR-43-1300	1300W	Ø190mm	Yes	No	Aluminum
M1Y-DU09-190LJR-43-1300	1300W	Ø190mm	Yes	Yes	Aluminum
M1Y-DU09-190-48-1400	1400W	Ø190mm	No	No	Steel
M1Y-DU09-190J-48-1400	1400W	Ø190mm	No	Yes	Steel
M1Y-DU09-190R-48-1400	1400W	Ø190mm	Yes	No	Steel
M1Y-DU09-190JR-48-1400	1400W	Ø190mm	Yes	Yes	Steel
M1Y-DU09-190L-48-1400	1400W	Ø190mm	No	No	Aluminum
M1Y-DU09-190LJ-48-1400	1400W	Ø190mm	No	Yes	Aluminum
M1Y-DU09-190LR-48-1400	1400W	Ø190mm	Yes	No	Aluminum
M1Y-DU09-190LJR-48-1400	1400W	Ø190mm	Yes	Yes	Aluminum
M1Y-DU09-190-48-1500	1500W	Ø190mm	No	No	Steel
M1Y-DU09-190J-48-1500	1500W	Ø190mm	No	Yes	Steel
M1Y-DU09-190R-48-1500	1500W	Ø190mm	Yes	No	Steel
M1Y-DU09-190JR-48-1500	1500W	Ø190mm	Yes	Yes	Steel
M1Y-DU09-190L-48-1500	1500W	Ø190mm	No	No	Aluminum
M1Y-DU09-190LJ-48-1500	1500W	Ø190mm	No	Yes	Aluminum
M1Y-DU09-190LR-48-1500	1500W	Ø190mm	Yes	No	Aluminum
M1Y-DU09-190LJR-48-1500	1500W	Ø190mm	Yes	Yes	Aluminum
M1Y-DU31-185J-38-1200	**1200W**	**Ø185**	**No**	**Yes**	**Steel**
M1Y-DU31-185JL-38-1200	**1200W**	**Ø185**	**No**	**Yes**	**Aluminum**
M1Y-DU31-185J-38-1300	**1300W**	**Ø185**	**No**	**Yes**	**Steel**
M1Y-DU31-185JL-38-1300	**1300W**	**Ø185**	**No**	**Yes**	**Aluminum**
M1Y-DU31-185J-43-1200	**1200W**	**Ø185**	**No**	**Yes**	**Steel**
M1Y-DU31-185JL-43-1200	**1200W**	**Ø185**	**No**	**Yes**	**Aluminum**
M1Y-DU31-185J-43-1300	**1300W**	**Ø185**	**No**	**Yes**	**Steel**
M1Y-DU31-185JL-43-1300	**1300W**	**Ø185**	**No**	**Yes**	**Aluminum**
M1Y-DU31-185J-48-1400	**1400W**	**Ø185**	**No**	**Yes**	**Steel**
M1Y-DU31-185JL-48-1400	**1400W**	**Ø185**	**No**	**Yes**	**Aluminum**
M1Y-DU31-185J-48-1500	**1500W**	**Ø185**	**No**	**Yes**	**Steel**
M1Y-DU31-185JL-48-1500	**1500W**	**Ø185**	**No**	**Yes**	**Aluminum**

1, Model name explanation:

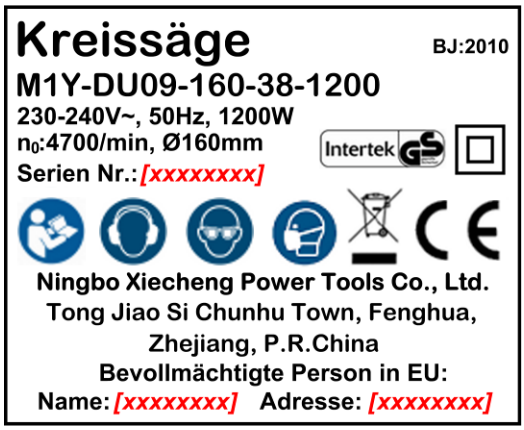


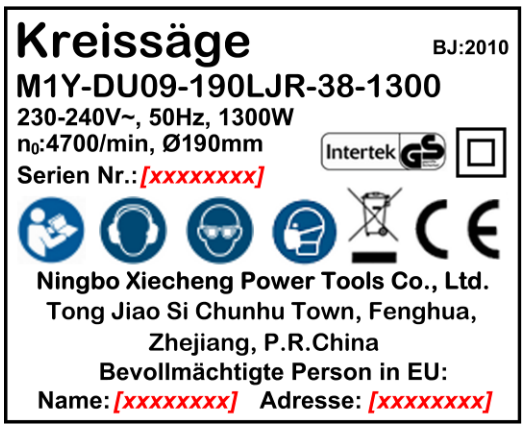
2, All models/types are identical with each other except for the motor, marking of rated power, size of guard and material of guide plate as well as provision of soft starter and laser module.

3, The cutting depth of all model are different, cutting depth of DU-26/31-185 series is 65mm max., DU-26/31-185L series is 63mm max., DU09-190 series is 67mm max., DU09-190L is 65mm max., DU09-160 is 55mm max.

4, There are three types of motor, each with two markings of rated power. The "38" motor is of aluminum winding and has 1200W / 1300W marking. The "43" motor is of copper winding and has 1200W / 1300W marking. The "48" motor is of copper winding and has 1400W / 1500W marking.

Copy of marking plate: (Representative)





Marking plates of other models/types are identical with the examples above except for the model names, rated power, diameter of saw blade.

for Laser Module:

Summary of testing:

The samples were tested according to EN 60745-2-5: 2007+A11:2009 with EN 60745-1:2009, and found to comply with the standards' requirements.

All tests are performed on M1Y-DU09-160JR-38-1300, M1Y-DU26-185JR-43-1300 and M1Y-DU09-160JR-48-1500 which are more unfavorable and could represent the other models of the same series.

Test item particulars:

Class of tool	:	Class II
Method of supply cord attachment	:	Type X
Duty conditions	:	Normal
Type of operation	:	Continuous
Degree of protection	:	N/A
Accessories and detachable parts included	:	Saw blade×1
Other options included	:	N/A

Possible test case verdicts:

- test case does not apply to the test object	:	N/A
- test object does meet the requirement	:	P(Pass)
- test object does not meet the requirement	:	F(Fail)

Testing:

Date of receipt of test item	:	August 18, 2010
Date(s) of performance of test	:	August 18, 2010 – September 28, 2010

General remarks:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.
"(See Enclosure #)" refers to additional information appended to the report.
"(See appended table)" refers to a table appended to the report.
Throughout this report a comma is used as the decimal separator.
Determination of the test result includes consideration of measurement uncertainty from the test equipment and methods.

Amendment 1:

The original report SH09090883-001 issued at January 6, 2010 was modified on including following changes and/or additions:

New series M1Y-DU31 with twelve models were added in the report, which was identical with original series M1Y-DU26, except with integral laser module supplied by a certified safety isolated transformer. Only heating of handle and transformer, temperature of transformer with shirt circuit and glow-wire test of PCB was conducted in the report.

Some alternative components were added in the Table 23.1.

Concerned clause: 12, 16, 22, 23.1, 29.2, Table 23.1

General product information:

The products covered in this report are hand-held motor-operated electric circular saws.
The factory name: Ningbo Xiecheng Power Tools Co., Ltd.
The factory address: Tong Jiao Si Chunhu Town, Fenghua, Zhejiang, P. R. China

Part One: EN 60745-1:2009			
Clause	Requirement + Test	Result - Remark	Verdict
12	**HEATING**		
12.1	No excessive leakage currents after heating test ...:	Only for added transformer	N/A
	Heating element tested to Cl.16.1 of EN 60335-1	No heating element	N/A
12.2	Loading conditions during temperature test .....:	Until steady condition	P
	Heating elements tested to EN 60335-1 and 1.06 times rated voltage		N/A
12.3	Temperature rise by resistance for windings .....:	Only for added transformer	N/A
	Temperature rise by thermocouples for all parts except windings.....:	Handle: 5,5K (limit: 50K) Transformer: 18,9K	P
	Electrical insulation measured if such failure reduces spacings .....:		N/A
12.4	Tool operating time.....:	Until steady condition	P
12.5	Protective devices do not operate	No protective device	N/A
	No excessive temperature in the most unfavorable voltage		P
	No flow of sealing compound	No sealing compound	N/A
12.6	Winding temperatures exceeding values in Table 1	No exceeding	N/A
	a) Maximum temperature rise of the windings .....:		N/A
	b) Heat treatment for 240 h		N/A
	b) Heating cabinet temperature (°C).....:		N/A
	c) No inter-turn short circuit after oven treatment		N/A
	d) No excessive leakage current after oven treatment		N/A
	- No flashover or breakdown occurred during electric strength after oven treatment		N/A
	e) Humidity treatment (93%±2% at 25 °C) .....:		N/A
	f) No excessive leakage current after humidity treatment.....:		N/A
	- No flashover or breakdown occurred during electric strength after humidity treatment .....:		N/A
16	**OVERLOAD PROTECTION OF TRANSFORMERS AND ASSOCIATED CIRCUITS**		
16.1	No excessive temperatures in a tool supplied from a transformer during short circuit .....:	See Table 16.1	P
	Transformer complies with EN 61558-1		P
22	**INTERNAL WIRING**		
22.1	Wireways smooth and free from sharp edges, burrs, etc.		P

Part One: EN 60745-1:2009			
Clause	Requirement + Test	Result - Remark	Verdict
	Holes in metal through which insulated wires pass provided with bushings of insulating material		N/A
	Wiring prevented from coming into contact with moving parts		P
22.2	Internal wiring and electrical connections adequately protected or enclosed		P
22.3	Internal wiring so rigid, so fixed or so insulated that, in normal use, creepage and clearance distances cannot be reduced below values specified in Sub-clause 28.1		P
	The insulation not damaged in normal use		P
	Insulation of internal wiring electrically equivalent to insulation of cords complying with HD 21 or HD 22		N/A
	No breakdown as a result of a voltage of 2000 V applied for 15 min between conductor and metal foil wrapped around insulation		P
	When sleeving used as supplementary insulation on internal wiring, it was retained in position by clamps at both ends, or other means requiring its removal by breaking or cutting	No sleeving used as supplementary insulation	N/A
22.4	Use of green/yellow conductors for earthing terminals only	No earthing in class II tool	N/A
22.5	Aluminium wires not used for internal wiring		P
22.6	Stranded conductors with lead-tin soldering are only used with spring terminals with constant contact pressure, except when clamping means pose no risk of bad contact due to cold flow of solder		N/A
23	**COMPONENTS**		
23.1	Components comply with the relevant EN/IEC standards	See Table 23.1	P
	Components used in accordance with their markings		P
29	**RESISTANCE TO HEAT, FIRE AND TRACKING**		
29.2	Part on non-metallic material, except for decorative trims, knobs, and other parts not likely to be ignited or propagated flames originating from inside the tool, are adequately resistant to ignition and spread of fire	Only for PCB of supporting transformer	P
	Glow-wire test of IEC60695-2-11 at 550 °C		P
	The glow-wire test is not carried out on parts of material classified at least HB40		N/A
	Parts made of soft or foamy material shall meet the requirements specified in ISO 9772 for category HBF material		N/A

Part One: EN 60745-1:2009			
Clause	Requirement + Test	Result - Remark	Verdict

16.1	**TABLE: Overload Protection of Transformers and Associated Circuits**		P
Test voltage ..... :	254,4		—
Ambient temperature (°C) ..... :	21,2		—
Input current (A) / Input Wattage (W) ..... :	3,72 / 821		—
Applied short-circuit or overload ..... :	Short-circuit		—
Measurement at:	Temperature rise, (°C)	Allowed Limit	
Transformer winding (thermocouple)	33,4	None (approved transformer used)	
Transformer winding (T_1)R-R	N/A	None (approved transformer used)	
Transformer Lamination	12,5	85+15	
Internal wiring	16,3	70+15	
Capacitor	10,2	70+15	
Printed circuit board	6,8	140+15	
SELV circuits	N/A	85+15	
Supplementary Information: None.			

23.1	**TABLE: List of Critical Components**				P
Object/Part No.	Manufacturer/Trademark	Type/Model	Technical Data	Standard	Mark(s) of Conformity
Please refer to the latest edition of the Constructional Data Form (CDF) issued for this test report.					