

TEST REPORT

<u>APPLICANT</u>	: Zhejiang East Pneumatic Machinery Co.,Ltd
<u>ADDRESS</u>	: NO.1.B, XIXI INDUSTRIAL PARK AREA, HONGQIAO, YUEQING, ZHEJIANG , CHINA
<u>SAMPLE DESCRIPTION</u>	: Electric Sander
<u>ITEM NO.</u>	: EP8186, EP8186A, EP8185, EP8185A
<u>SAMPLE RECEIVED DATE</u>	: 08 - May - 2026
<u>TURN AROUND TIME</u>	: 08 - May - 2026 to 26 - May - 2026
<u>TEST SPECIFICATION</u>	: Total concentration of Lead, Cadmium, Mercury, Chromium VI, Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs) , Bis(2-ethylhexyl) phthalate (DEHP) , Butyl benzyl phthalate (BBP) , Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) in accordance with EC Directive 2011/65/EU and its amendment Directive (EU) 2015/863 (RoHS)
<u>ROHS CONCLUSION</u>	: Based on the analysis on the submitted sample(s), the test results do comply with the concentration limits as specified in Annex II to Directive 2011/65/EU and its amendment Directive (EU) 2015/863.

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant.

Samples are obtained by express delivery, Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Hangzhou) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. Unless otherwise stated from the customer, regulation or the standard specification, Eurofins will apply it in accordance with ILAC G8:09/2019-(binary statement for simple acceptance rule). If you happen to have any comments, please do it by sending email to info.hz@cpt.eurofinscn.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Hangzhou) Co., Ltd. If you happen to have any complaints, please do it by sending email to chinacomplaint.hz@cpt.eurofinscn.com and referring to this report number.

Eurofins (Hangzhou) contact information**Customer service:** Zoey.Huang@cpt.eurofinscn.com/ +86 571 87203730**Sales specialist:** Cookie.Zhang@cpt.eurofinscn.com/ +86 13665888315

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
Eurofins Product Testing Service (Hangzhou) Co., Ltd*Sara Liu*Sara Liu
Quality Manager

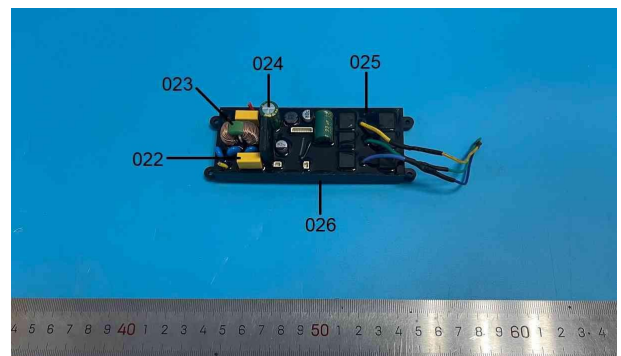
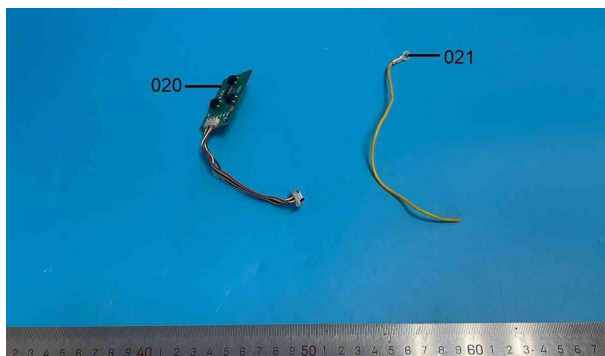
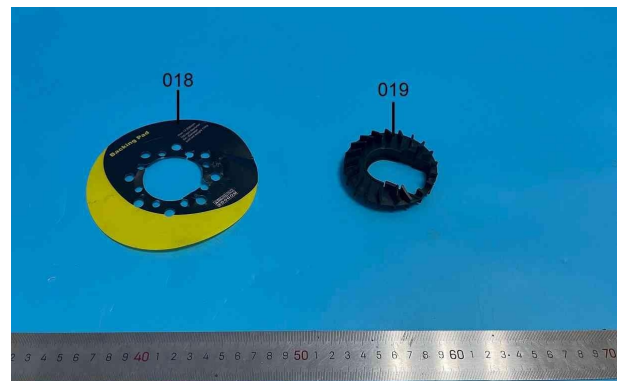
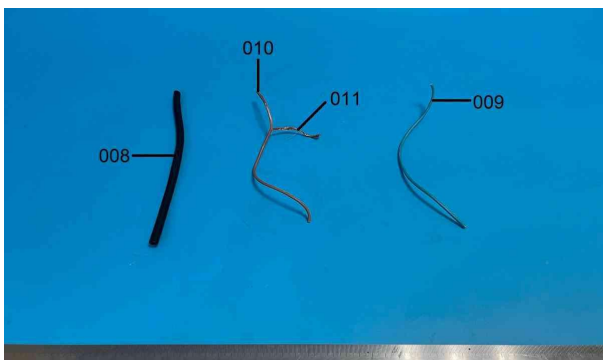
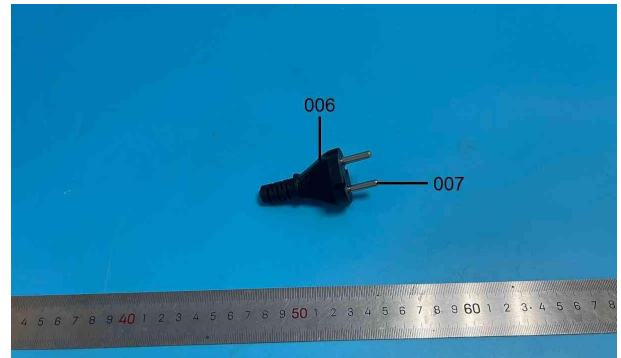
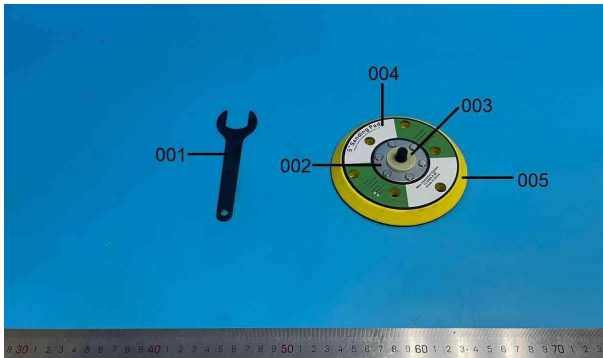
SAMPLE PHOTO(S)



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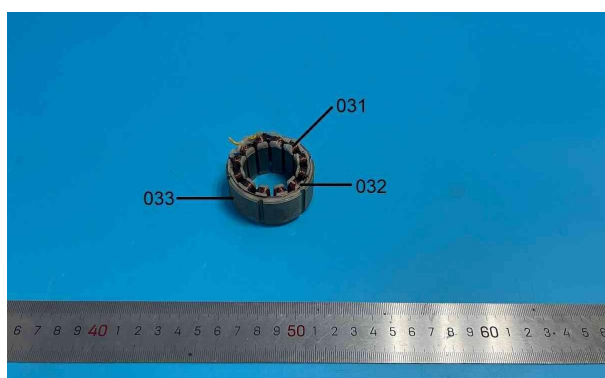
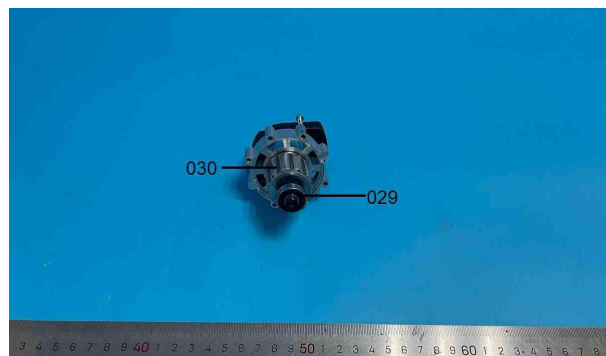
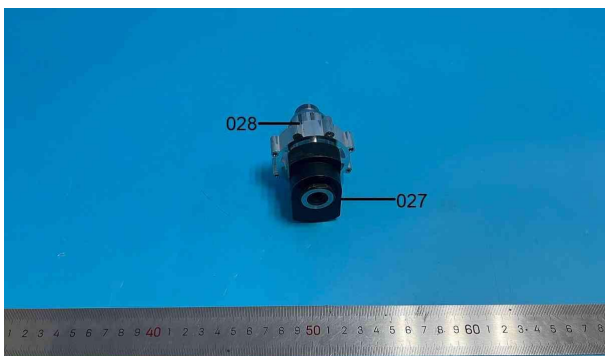
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COMPONENT PHOTO(S)



TO BE CONTINUED

COMPONENT PHOTO(S)



TO BE CONTINUED

COMPONENT LIST

Component No.	Component	Other Info.
001	wrench	Metal
002	metal sheet	Metal
003	plastic sheet	Non-metal
004	sticker	Non-metal
005	Yellow plastic	Non-metal
006	socket	Non-metal
007	insertion pin	Metal
008	Black outer leather	Non-metal
009	Blue thread leather	Non-metal
010	Brown thread leather	Non-metal
011	Brass wire core	Metal
012	Product inner shell	Non-metal
013	flip cover	Non-metal
014	black rubber	Non-metal
015	fixing screw	Metal
016	black plastic	Non-metal
017	rubber ring	Non-metal
018	label	Non-metal
019	gear	Non-metal
020	PCB board	Non-metal
021	terminal	Metal
022	capacitance	Non-metal
023	Magnetic circle	Metal
024	Capacitor casing	Metal
025	black rubber	Non-metal
026	base shell	Non-metal
027	Fixed shell	Metal
028	aluminum shell	Metal
029	bearing	Metal
030	stator	Metal
031	coil	Metal
032	Insulation rack	Non-metal
033	steel sheet	Metal

TO BE CONTINUED

TEST RESULT

Test Method(s):**Screening Test by XRF Spectroscopy**

As specified by client, to analyze the contents of Lead, Cadmium, Mercury, Chromium, Bromine in the submitted sample by XRF. Screening limits in mg/kg for regulated elements in various matrices according to IEC 62321-3-1:2013

No.	Test Results (mg/kg)				
	Pb	Cd	Hg	Cr	Br
	Limit (mg/kg)				
	1000	100	1000	Cr(VI): 1000	PBB:1000 PBDE:1000
001	BL	BL	BL	BL	NA
002	BL	BL	BL	BL	NA
003	BL	BL	BL	BL	NC
004	BL	BL	BL	BL	BL
005	BL	BL	BL	BL	BL
006	BL	BL	BL	BL	BL
007	NC	BL	BL	BL	NA
008	BL	BL	BL	BL	BL
009	BL	BL	BL	BL	BL
010	BL	BL	BL	BL	BL
011	BL	BL	BL	BL	NA
012	BL	BL	BL	BL	BL
013	BL	BL	BL	BL	BL
014	BL	BL	BL	BL	BL
015	BL	BL	BL	BL	NA
016	BL	BL	BL	BL	BL
017	BL	BL	BL	BL	BL
018	BL	BL	BL	BL	BL
019	BL	BL	BL	BL	BL
020	BL	BL	BL	BL	NC
021	BL	BL	BL	BL	NA
022	BL	BL	BL	BL	NC
023	BL	BL	BL	BL	NA
024	BL	BL	BL	BL	NA
025	BL	BL	BL	BL	BL
026	BL	BL	BL	BL	BL
027	BL	BL	BL	BL	NA
028	BL	BL	BL	BL	NA
029	BL	BL	BL	NC	NA
030	BL	BL	BL	BL	NA
031	BL	BL	BL	BL	NA
032	BL	BL	BL	BL	BL
033	BL	BL	BL	BL	NA

TO BE CONTINUED

TEST RESULT

Abbreviation:	Pb	denotes Lead
	Cd	denotes Cadmium
	Hg	denotes Mercury
	Cr	denotes Chromium
	Cr(VI)	denotes Chromium(VI)
	Br	denotes Bromine
	PBBs	denotes Total Polybrominated Biphenyls
	PBDEs	denotes Total Polybrominated Diphenyl Ethers
	NA	denotes Not Applicable
	NC	denotes Not Conclusive
	BL	denotes Below limit

XRF Screening limits for different materials:

Element	Polymers	Metals	Composite Material
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$
Br	$BL \leq (300-3\sigma) < X$	/	$BL \leq (250-3\sigma) < X$

Note:

BL= Below limit

X = The region where further investigation is necessary

OL = Over limit

3σ = The repeatability of the analyzer at the action level

LOD = Limit of detection

XRF testing results are only used for reference.

TO BE CONTINUED

TEST RESULT

Confirmation Test by Wet Chemistry

Tested Item(s)	Test Method	Measured Equipment	MDL
Lead (Pb) /Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	5 mg/kg
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES	5 mg/kg
Hexavalent Chromium (Cr(VI))	IEC 62321-7-1:2015	UV-Vis	0.02µg/cm ²
	IEC 62321-7-2:2017		10 mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	100 mg/kg
Polybrominated DiphenylEthers (PBDEs)			

No.	Boiling-water-extraction for Cr(VI) (* ¹)
029	Negative

Remark:

(*¹) The screening result of Chromium (VI) was found in the inconclusive region, Thus the Chromium(VI) content in surface layer have been confirmed with reference to IEC 62321-7-1:2015.

Negative - The Cr(VI) concentration is below 0.10µg/cm².The coating is considered a non-Cr(VI) based coating.

No.	Test Results (mg/kg)					
	Pb	Cd	Hg	Cr(VI)	PBBs	PBDEs
	Limit (mg/kg)					
	1000	100	1000	1000	1000	1000
003	-	-	-	-	ND	ND
007	25000(* ²)	-	-	-	-	-
020	-	-	-	-	ND	ND
022	-	-	-	-	ND	ND

Note:

The sample had been dissolved totally tested for Lead, Cadmium, Mercury.

MDL = method detection limit

ND = not detected (<MDL)

mg/kg = ppm = parts per million

µg/cm² = micrograms per square centimeter

-: denote no need to confirmation test

*²: As a copper alloy containing up to 4% lead by weight (RoHS Exemption 6(c)).

TO BE CONTINUED

TEST RESULT

Diisobutyl phthalate (DIBP), Bis (2- ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP) and Dibutyl phthalate (DBP)

Test method: IEC 62321-8:2017

Limit : Annex II to Directive 2011/65/EU and its amendment Directive (EU) 2015/863

No.	Test Results (%)			
	DIBP	DEHP	BBP	DBP
	Limit (%)			
	0.1%	0.1%	0.1%	0.1%
001	NA	NA	NA	NA
002	NA	NA	NA	NA
003	BL	BL	BL	BL
004	BL	BL	BL	BL
005	BL	BL	BL	BL
006	BL	BL	BL	BL
007	NA	NA	NA	NA
008	BL	BL	BL	BL
009	BL	BL	BL	BL
010	BL	BL	BL	BL
011	NA	NA	NA	NA
012	BL	BL	BL	BL
013	BL	BL	BL	BL
014	BL	BL	BL	BL
015	NA	NA	NA	NA
016	BL	BL	BL	BL
017	BL	BL	BL	BL
018	BL	BL	BL	BL
019	BL	BL	BL	BL
020	BL	BL	BL	BL
021	NA	NA	NA	NA
022	BL	BL	BL	BL
023	NA	NA	NA	NA
024	NA	NA	NA	NA
025	BL	BL	BL	BL
026	BL	BL	BL	BL
027	NA	NA	NA	NA
028	NA	NA	NA	NA
029	NA	NA	NA	NA
030	NA	NA	NA	NA
031	NA	NA	NA	NA
032	BL	BL	BL	BL
033	NA	NA	NA	NA

TO BE CONTINUED

TEST RESULT

Note:

1. ND = Not Detected (< 0.001%)
2. 0.1% equals to 1000 mg/kg
3. Screening results of Phthalates (PHTH) are for primary testing, further chemical confirmation will be performed by GC -MS if the concentration exceeds the below warning value.

Test Items	Polymers/ Composite Material
Diisobutyl Phthalate (DIBP)	BL≤ 0.06% < X
Bis(2-ethylhexyl) Phthalate (DEHP)	BL≤ 0.06% < X
Benzylbutyl Phthalate (BBP)	BL≤ 0.06% < X
Dibutyl Phthalate (DBP)	BL≤ 0.06% < X

BL= Below limit

X = The region where further confirmation is necessary

The test item is subcontracted to other lab.

END OF THE REPORT