1MORE INC.
TIANLIAO BUILDING F14 EAST BLOCK (NEW MATERIALS INDUSTRIAL PARK), XUEYUAN ROAD,NANSHAN DISTRICT,SHENZHEN,CHINA

1. General Information

Product Name	: 1MORE Piston Classic
SGS Ref No.	: CP16-007540-SZ
Test Model No.	: E1003
Testing Period	: 25 Feb 2016 – 22 Jul 2016
Product Weight	: 13.1g
Product Size	: 124.7cm×1.2cm×2.1cm
Category under the WEEE Directive	: 3rd category （IT and telecommunications equipment）

2. Result of Recycling/Recovery Assessment

Recycling/Recovery	Recycling (%)	Recovery (%)
Recycling/Recovery Targets under the 2012/19/EU WEEE Directive	70	80
Result of Assessment	82.8	89.7
WEEE requirement	PASS	PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Jenny Liao
Approved Signatory

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3. Appearance of the Product

Front

Back

4. Materials and Components to Be Selective Treated

According to Articles 8(2) and the Annex VII of the WEEE Directive, this product contains the following components and materials to be selective treated.

Component/Material	Photo No.	Size & Quantity	Weight (g)
External electric cable	B3	1	5.9

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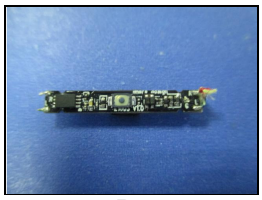
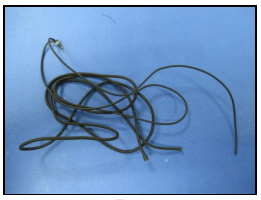
5. Disassembly Tree

A

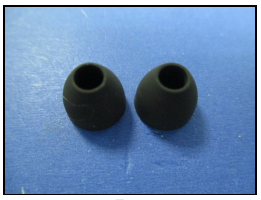


B1

B2

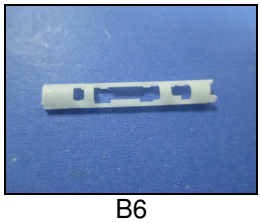


B3

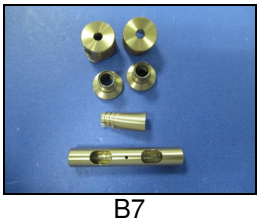


B4

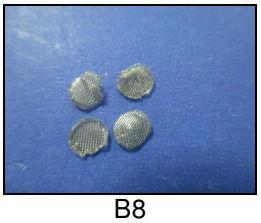
B5



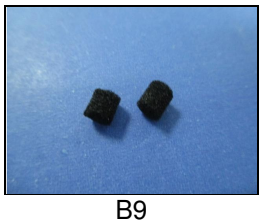
B6



B7

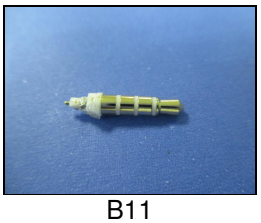


B8



B9

B10



B11

6. Disassembly Procedure

The disassembly procedure taken here is in accordance with the treatment requirements under the Annex VII of the WEEE Directive. In addition, to consider economic and efficiency factors, manual operation and disassembly tools have been applied to separate the components and materials from this product in order to simulate the scenario at the treatment facility, and to achieve the objective that the separated components and materials can be recycled and recovered.

6.1 Connection technique:

For this product, the connection technology including as following：

Adhere : 4

Pressing Fits : 15

6.2 Disassembly tool:

The disassembly tools used for this product show as following：

Disassembly Tool	Pictures	Disassembly Tool	Pictures
Pruning shears		Knife	

6.3 Disassembly time:

1 Minutes 23 Seconds

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7. Material and Recycling Information

According to the information declared by the applicant company, the material and recycling information for this product is described in the following table.
The recycling and recovery assessment for this product is based upon economic and efficiency considerations, and the waste treatment technologies and equipment that are most frequently available to the market.

Component / Material Composition		Photo No.	Weight (g)	Percent Weight (%)	Recycling (%)	Energy Recovery (%)	Recovery (%)
Printed circuit board		B1,B2	0.4	3.05	2.75	-	2.75
External electric cable	PA+ TPE+ Copper	B3	5.9	45.04	38.19	-	38.19
Plastic parts	Silica gel	B4	0.5	3.82	-	3.44	3.44
	TPU	B5	0.1	0.76	0.67	-	0.67
	PP+TPU	B6	0.1	0.76	0.67	-	0.67
Metal parts	Aluminum	B7	3.9	29.77	29.18	-	29.18
	Steel	B8	0.1	0.76	0.75	-	0.75
Mixed part		B10,B11	2.0	15.27	10.60	2.82	13.42
Others	Sponge	B9	0.1	0.76	-	0.69	0.69
Total			13.1	100.0	82.8	6.9	89.7

Note:
Due to their insignificant weight and the difficulty of their separation in a manual operation, sticker, solder, paint and printing materials are not included in this assessment.
Plastic containing brominated flame retardants is not assessed in the list.

8. Recycling and Recovery Rate Calculation

Recycling& Recovery Rate using in the report are calculated as following formulas：

$$\text{Recycling Rate} = \frac{\text{Recycling Weight}}{\text{Product Total Weight}} \ (\%)$$

$$\text{Recovery Rate} = \frac{\text{Recycling Weight + Energy Recovery Weight}}{\text{Product Total Weight}} \ (\%)$$

Total weigh of the product is including the main product and accessories.

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9. ANNEX VII of WEEE Directive

Selective treatment for materials and components of waste electrical and electronic equipment:

- Polychlorinated biphenyls (PCB) containing capacitors in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT) (1).
- Mercury containing components, such as switches or backlighting lamps.
- Batteries.
- Printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres.
- Toner cartridges, liquid and pasty, as well as colour toner.
- Plastic containing brominated flame retardants.
- Asbestos waste and components which contain asbestos.
- Cathode ray tubes.
- Chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC) or hydrofluorocarbons (HFC), hydrocarbons (HC).
- Gas discharge lamps.
- Liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimeters and all those back-lighted with gas discharge lamps,
- External electric cables.
- Components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress Council Directive 67/548/EEC relating to the classification, packaging and labelling of dangerous substances .
- Components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionising radiation .
- Electrolyte capacitors containing substances of concern (height > 25 mm, diameter > 25 mm or proportionately similar volume).

10. Recommendations for WEEE Directive Compliance

— In order to avoid the product not meeting the recycling/recovery targets regulated under the WEEE Directive and the regulations of EU countries, the applicant company should, when selecting material and components design, consider they can be easy to reuse and recycle. This consideration will lessen the impact of the required international environmental directives and also improve the product's competitiveness.

— It is recommended that the applicant company, when designing new product, especially where components and materials have a large weight ratio, should consider using recyclable materials in order to increase the product's recycling/recover ratio.

— The product should apply to the RoHS Directive (Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronics equipment). The hazardous substance specification in the Directive should be controlled in the homogenous material of this product.

— If a product has changed its product design, or materials or components employed, then the product should be reassessed and retested in accordance with the WEEE Directive for recycling/recovery assessment and RoHS for restricted/banned substances requirements.

*** End of Report ***