

# RoHS TEST REPORT

For

**Aluminium Scaffolding Tower**

**Model No.:** SDB-1, SDB-2, SDB-3, SDB-4, SDB-5, SDB-6, SDB-7.

**Trademark:** DRAGON STAGE

**Applicant :** DRAGON STAGE EQUIPMENT (HK) CO., LIMITED  
RM 1101, 11/F, SAN TOI BLDG, NO.139, CONNAUGHT RD  
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**Report Number :** ATJC2008270001500R

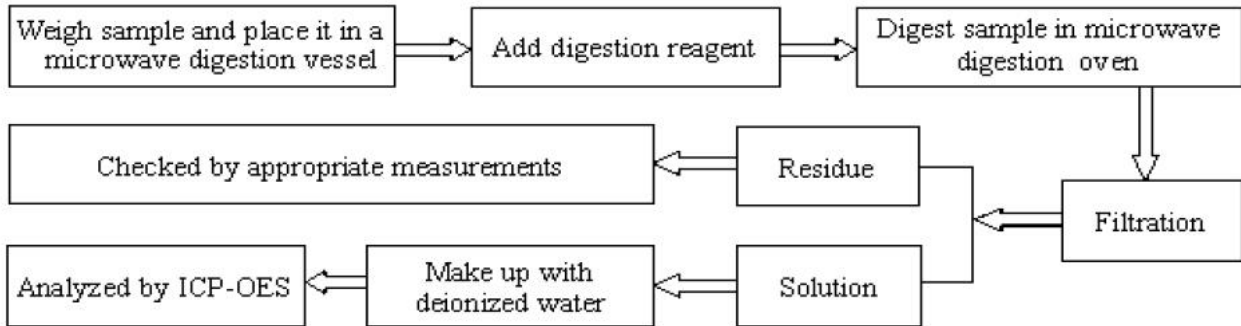
**Date of Test :** August 31, 2020

**Date of Report :** August 31, 2020

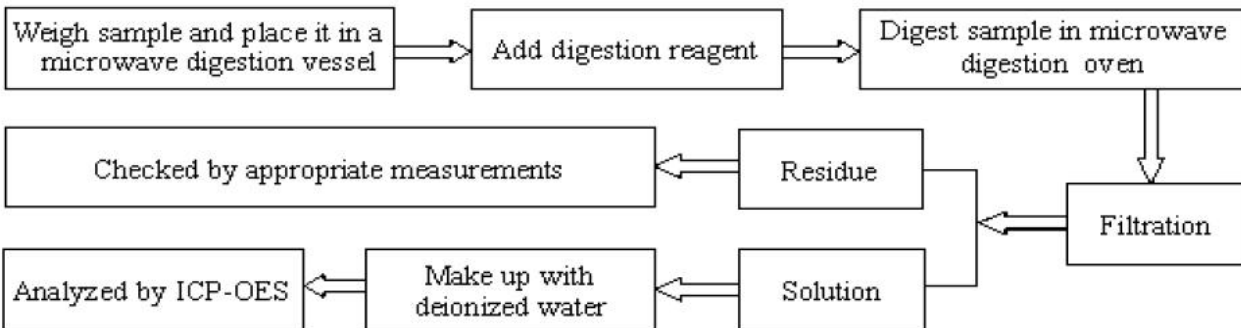
## Note:

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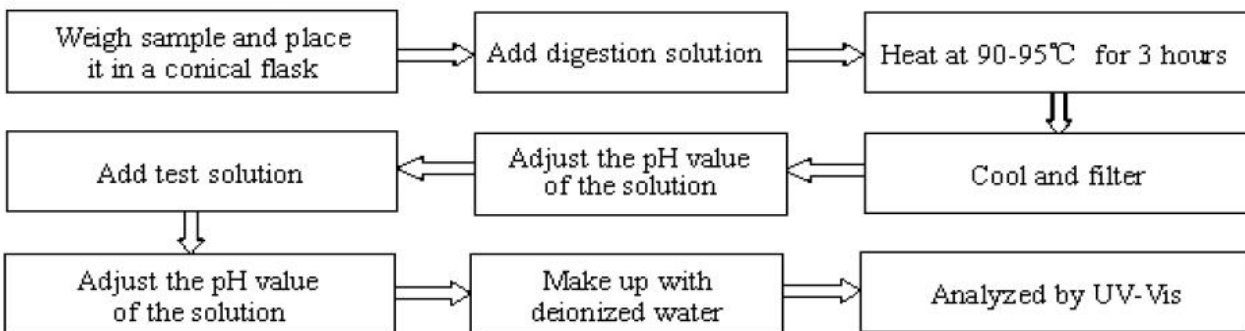
**1. Lead(Pb), Cadmium(Cd)**



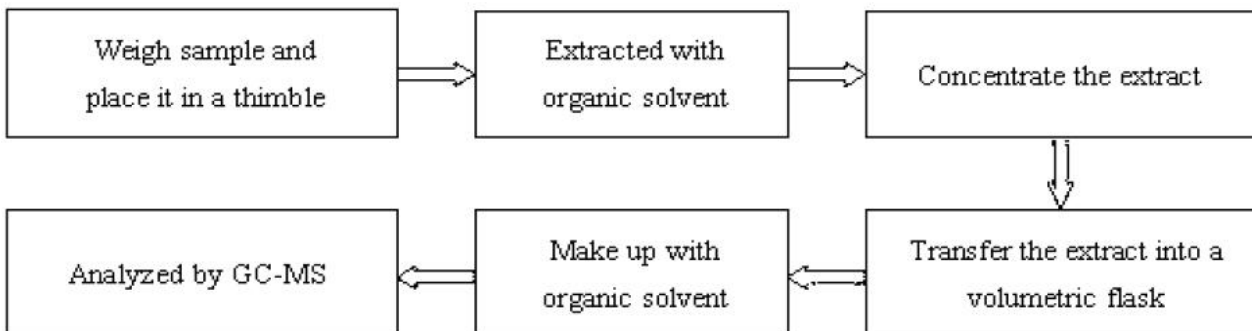
**2. Mercury(Hg)**



**3. Hexavalent Chromium (Cr(VI))**



**4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers(PBDEs), DIBP, DBP, DEHP, BBP**



**Test Method:**

Tested Item(s)	Test Method	Measured equipment(s)	Limits
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	0.01%(100 ppm)
Hexavalent chromium(Cr VI)	IEC 62321-7-1:2015 IEC 62321-7-2:2017	UV-Vis	0.1%(1000 ppm)
Mercury(Hg)	IEC 62321-4:2013+A1:2017	ICP-OES	0.1%(1000 ppm)
Lead(pb)	IEC 62321-5:2013	ICP-OES	0.1%(1000 ppm)
Polybrominated Biphenyls(PBBs)	IEC 62321-6:2015	GC-MS	0.1%(1000 ppm)
Polybrominated Diphenyl Ethers(PBDEs)	IEC 62321-6:2015	GC-MS	0.1%(1000 ppm)
Diisobutyl phthalate(DIBP)	IEC 62321-8:2017	GC-MS	0.1%(1000 ppm)
Di-(2-ethylhexyl) phthalate (DEHP)	IEC 62321-8:2017	GC-MS	0.1%(1000 ppm)
Dibutyl phthalate (DBP)	IEC 62321-8:2017	GC-MS	0.1%(1000 ppm)
Benzylbutyl phthalate (BBP)	IEC 62321-8:2017	GC-MS	0.1%(1000 ppm)

<b>Result</b>	:	<b>Pass</b>
<b>Conclusion</b>	:	<b>An independent evaluation on the above-mentioned product(s) has been conducted pursuant to EU 2015/863 with 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment, and concluded that the equipment under evaluation met the legislative requirements of this directive.</b>

Tested by



Nico Liang  
Engineer  
August 31, 2020

Reviewed by



Joseph Yang  
Manager  
August 31, 2020

**Test Data Summary**

SAMP LE NO.	COMPONENTS	Item	Results of EDXRF (P/F/D)	Results of testing(mg/kg)	Chemical testing limit (mg/kg)	Conclusio n (P/F)
1	Aluminium alloy of bracket	Cd	P	N.D.	<100	P
		Cr VI	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P
		DIBP	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	P
		DBP	D	N.D.	<1000	P
2	Metal screws	Cd	P	N.D.	<100	P
		Cr VI	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P
		DIBP	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	P
		DBP	D	N.D.	<1000	P
3	Support wooden	Cd	P	N.D.	<100	P
		Cr VI	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P
		DIBP	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	P
		DBP	D	N.D.	<1000	P
4	Material of wheels	Cd	P	N.D.	<100	P
		Cr VI	P	N.D.	<1000	P
		Hg	P	N.D.	<1000	P
		Pb	P	N.D.	<1000	P
		PBBs	D	N.D.	<1000	P
		PBDEs	D	N.D.	<1000	P
		DIBP	D	N.D.	<1000	P
		DEHP	D	N.D.	<1000	P
		DBP	D	N.D.	<1000	P
BBP	D	N.D.	<1000	P		



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Note:

(1) N.D. = Not detected (<MDL)

(2) ppm = mg/kg

(3) N.A. = Not Analyzed

(4) Negative = the concentration of Hexavalent Chromium extracted from 50cm<sup>2</sup> sample is less than the detection limit.

(5) Cadmium(Cd), Lead(Pb), Mercury(Hg), Hexavalent Chromium(Cr), PBBs, PBDEs, Dibutyl Phthalate(DBP), Butyl benzyl phthalate (BBP), Di-(2-ethylhexyl) Phthalate(DEHP), Diisobutyl phthalate (DIBP).

**Appendix 1**

Photo documentation



Photo 3

View:

front

rear

right side

left side

top

bottom

internal



Photo 4

View:

front

rear

right side

left side

top

bottom

internal



Photo 5

View:

front

rear

right side

left side

top

bottom

internal



Photo 6

View:

front

rear

right side

left side

top

bottom

internal



Photo 7

View:

front

rear

right side

left side

top

bottom

internal



Photo 8

View:

front

rear

right side

left side

top

bottom

internal



Photo 9

View:

front

rear

right side

left side

top

bottom

internal



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