

Date :2017-05-08 Page 1 of 3

No. : DT138201

Applicant (COC008) : INNOVATORS INTERNATIONAL LIMITED

Unit 406, Centennial Park, Centennial Avenue, Elstree, Herts, WD6

3TN

Description of Sample(s) : One(1) style of submitted sample(s) said to be :

Paint used for Children's Director's Chair

Composition:pink paint

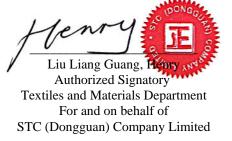
Date sample(s) Received : 2017-05-02

Date Tested : 2017-05-02 to 2017-05-08

Investigation(s) Requested : Selected test(s) as detailed herein.

Result Summary:

	No.	Test Requested	Conclusion	Remark
ĺ	1	Migration of certain elements - EN 71-3:2013+A1:2014	PASS	-





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No. : DT138201

TEST RESULT(S):

MIGRATION OF CERTAIN ELEMENTS - EN 71-3:2013+A1:2014

 $\label{lem:method:energy:met$

Sample Identity	Colour/ Component	Style
1	Paint used for Children Director Chair	-

-	Unit	Result	Ti is Control III
Test Item(s)	-	1	Limit for type III: scrapped-
Mass of Trace Amount	g	-	off toy material
Parameter	-	-	(mg/kg)
Lead (Pb)	mg/kg	N.D.	160
Cadmium (Cd)	mg/kg	N.D.	17
Chromium(III)	mg/kg	N.D.	460
Barium (Ba)	mg/kg	N.D.	18750
Antimony (Sb)	mg/kg	N.D.	560
Arsenic (As)	mg/kg	N.D.	47
Mercury (Hg)	mg/kg	N.D.	94
Selenium (Se)	mg/kg	N.D.	460
Aluminum (Al)	mg/kg	N.D.	70000
Boron (B)	mg/kg	N.D.	15000
Cobalt (Co)	mg/kg	N.D.	130
Copper (Cu)	mg/kg	N.D.	7700
Manganese (Mn)	mg/kg	N.D.	15000
Nickel (Ni)	mg/kg	N.D.	930
Strontium (Sr)	mg/kg	N.D.	56000
Tin (Sn)	mg/kg	N.D.	180000
Zinc (Zn)	mg/kg	N.D.	46000
Chromium(VI)	mg/kg	N.D.	0.2
Organic tin	mg/kg	N.D.	12
Conclusion	-	Pass	-

Note(s): -N.D. = Not Detected

- Method detection limit (mg/kg):

For type III: Cr(VI) 0.02; Soluble tin 2; Others 5

- mg/kg = milligram(s) per kilogram = ppm = part(s) per million



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Appendix for Photos of the Submitted Sample(s)

- 1. All samples and goods are accepted by The STC (Dongguan) Company Limited (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The Company provides its services on the basis that such terms and conditions constitute express agreement between the Company and any person, firm or company requesting its services (the "Clients").
- 2. Any report issued by the Company as a result of this application for testing service (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to his customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders
- 4. The Report refers only to the sample tested and does not apply to the bulk, unless the sampling has been carried out by the Company and is stated as such in the Report.
- 5. In the event of the improper use the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 6. Sample submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 7. The Company will not be liable for or accept responsibility for any loss or damage howsoever arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
- 8. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 9. Subject to the variable length of retention time for test data and report stored hereinto as to otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of this test report for a period of three years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after the retention period. Under no circumstances shall we be liable for damages of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.
- 10. Issuance records of the Report are available on the internet at dgstc@dgstc.org. Further enquiry of validity or verification of the Reports should be addressed to the Company.



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No. : DT138202

Applicant (COC008) : INNOVATORS INTERNATIONAL LIMITED

Unit 406, Centennial Park, Centennial Avenue, Elstree, Herts, WD6

3TN

Description of Sample(s) : One(1) style of submitted sample(s) said to be :

Paint used for Children's Director's Chair

Composition:Beige paint

Date sample(s) Received : 2017-05-02

Date Tested : 2017-05-02 to 2017-05-08

Investigation(s) Requested : Selected test(s) as detailed herein.

Conclusion(s) :

No.	Test Requested	Conclusion	Remark
1	Migration of certain elements - EN 71-3:2013+A1:2014	PASS	-





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No. : DT138202

TEST RESULT(S):

RESULT(S):

MIGRATION OF CERTAIN ELEMENTS - EN 71-3:2013+A1:2014

 $\label{lem:method:energy:met$

Sample Identity	Colour/ Component	Style
1	Paint used for Children Director Chair Composition: Beige paint	-

-	Unit	Result	L'aris Constant III
Test Item(s)	-	1	Limit for type III: scrapped-
Mass of Trace Amount	g	-	off toy material
Parameter	-	-	(mg/kg)
Lead (Pb)	mg/kg	N.D.	160
Cadmium (Cd)	mg/kg	N.D.	17
Chromium(III)	mg/kg	N.D.	460
Barium (Ba)	mg/kg	N.D.	18750
Antimony (Sb)	mg/kg	N.D.	560
Arsenic (As)	mg/kg	N.D.	47
Mercury (Hg)	mg/kg	N.D.	94
Selenium (Se)	mg/kg	N.D.	460
Aluminum (Al)	mg/kg	N.D.	70000
Boron (B)	mg/kg	N.D.	15000
Cobalt (Co)	mg/kg	N.D.	130
Copper (Cu)	mg/kg	N.D.	7700
Manganese (Mn)	mg/kg	N.D.	15000
Nickel (Ni)	mg/kg	N.D.	930
Strontium (Sr)	mg/kg	N.D.	56000
Tin (Sn)	mg/kg	N.D.	180000
Zinc (Zn)	mg/kg	N.D.	46000
Chromium(VI)	mg/kg	N.D.	0.2
Organic tin	mg/kg	N.D.	12
Conclusion	-	Pass	-

Note(s): -N.D. = Not Detected

- Method detection limit (mg/kg):

For type III: Cr(VI) 0.02; Soluble tin 2; Others 5

- mg/kg = milligram(s) per kilogram = ppm = part(s) per million



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No. : DT138202



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- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders
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- 5. In the event of the improper use the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
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- 10. Issuance records of the Report are available on the internet at dgstc@dgstc.org. Further enquiry of validity or verification of the Reports should be addressed to the Company.



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No. : DT138022

Applicant (COC008) : INNOVATORS INTERNATIONAL LIMITED

UNIT 406,CENTENNIAL PARK,CENTENNIAL

AVENUE, ELSTREE, HERTS, WD6 3TN

Description of Sample(s) : One(1) style of submitted sample(s) said to be:

Children's Director Chair Composition:wood and canvas

Date sample(s) Received : 2017-04-21

Date Tested : 2017-04-21 to 2017-05-08

Investigation(s) Requested : Selected test(s) as detailed herein.

Conclusion(s) : The submitted sample(s) <u>complied</u> with the requirements according to BS

EN 581-1:2006 & BS EN 581-2:2015.





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No. : DT138022

TEST RESULT(S):

BS EN 581-1: 2006 Outdoor furniture –Seating and tables for camping, domestic and contract use-part 1: General safety requirement(s)

BS EN 581-2:2015 Outdoor furniture –Seating and tables for camping, domestic and contract use-part 2: Mechanical safety requirement(s) and test methods for seating

Condition for use of the product: camping

Test item	Clause	Test Principle/Requirement(s)	Result(s)
Edges and corners	Clause 5.1	For seating, the edges and corners of the seat, back rest and arm rests which are directly in contact with the user when sitting, lying or reclining shall be rounded or chamfered. For table tops the edges and corners which are directly in contact with the user shall be rounded or chamfered. All other edges and corners of seating and tables, accessible during use shall be free from burrs or/and sharp edges.	Pass
Tubular components, holes and gaps accessible during use	Clause 5.2	Tubular components, holes and gaps accessible during use shall be covered if a 7mm or 12mm test probe can be pushed into them in any direction with a maximum force of 30N to a depth of more than 10mm and cannot be pulled out again in the reverse direction by a maximum force of 30N. Bottom of tubular legs shall be capped or plugged.	N.A.



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No. : DT138022

TEST RESULT(S):

Test item	Clause	Test Principle/Requirement(s)	Result(s)
Sheer and squeeze points	Clause 5.3	5.3.1 Shear and squeeze points when setting up and folding Unless 5.3.2 and 5.3.3 are applicable, Shear and squeeze points that are created only during setting up or folding are acceptable providing the user can be assumed to be in control of his /her movements and to be able to cease applying the force immediately on experiencing pain. The edges of parts moving relative to each other and creating Shear and squeeze points under the influence of powered mechanisms Shear and squeeze points shall be as specified in 5.1	N.A.
		5.3.2 Shear and squeeze points under the influence of powered mechanisms These shall be no accessible shear and squeeze points created by parts of furniture operated by powered mechanisms, e.g. mechanical springs, gas lifts.	N.A.
		5.3.3 There shall be no accessible shear and squeeze points created by loads applied during normal use. For seating, the loads applied during normal use can be found in ENV581-2, and for tables in EN 581-3. Shear and squeeze points are not acceptable if a hazard is created by the weight of user during the normal movements and actions, e.g. attempting to move the seating by lifting the seat or by adjusting the backrest.	Pass



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No. : DT138022

TEST RESULT(S):

Togt thous	st item Clause <u>Test parameters</u>		<u>s</u>	Commen
<u>Test item</u>	<u>Clause</u>		Camping	<u>t</u>
	EN 1728 2012,	Seat: force, N	1100	
	6.4	Back: force, N	-	
	0.4	Minimum back force,N	-	
Seat and back static load test		Load applied to seats not	750	Pass
		being tested, N		
		Cycles	10	
		Additional cycle 30 min	1	
Seat front edge static load	EN 1728 2012, 6.5	Specified force, N	1100	
test		Seat load ,N	750	Pass
test		Cycles	10	
	EN 1728 2012,	Specified seat load ,N	1000	
Combined seat and back	6.17	Seat load ,N	750	
durability test		Specified back load ,N	250	Pass
durability test		Minimum back force ,N	220	
		Cycles	12500	
Durability test on seat with a	EN 1728 2012,	Seat load ,N	750	
multi-position back rest	6.19	Specified force, N	190	N.A.
		Cycles	5000	
Arm rest static load test	EN 1728 2012,	Vertical force, N		N.A.
	6.11			N.A.
Arm rest fatigue test	EN 1728 2012,	Specified force, N	400	Pass
	6.20	Cycles	5000	Pass
Leg forward static load test	EN 1728 2012,	Seat load ,N	750	
_	6.15	Horizontal force, N	250	Pass
		Minimum force, ,N	150	Pass
		Cycles	10	
Leg sideways static load test	EN 1728 2012,	Seat load ,N	750	
-	6.16	Horizontal force, N	200	Pass
		Minimum force, ,N	150	Pass
		Cycles	10	

STC (Dongguan) Company Limited



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No. : DT138022

TEST RESULT(S):

Toot itom	Clause	Test paramet	Test parameters		
<u>Test item</u>	<u>Clause</u>	—	Camping	Comment	
Seat impact test	EN 1728 2012,	Drop height, mm	140	Dogg	
_	6.24	Cycles	10	Pass	
Foot rest static test	EN 1728 2012,	Vertical force, N		N.A.	
(H >700mm)	6.8	Cycles	10	N.A.	

<u>Test item</u>	Clause	Test parame	<u>ters</u>	Comment
Forward stability	EN 1022:2005 6.2	Vertical force ,N Horizontal force, N t≥5s	600 20	Pass
Sideways overbalancing, all seating without arms	EN 1022:2005 6.4	Vertical force , N Horizontal force, N t≥5s	600 20	N.A.
Sideways overbalancing, all seating with arms	EN 1022:2005 6.5	Vertically force for the seat : N Vertically force for the arms : N Horizontally force for the side of the arms: N t≥5s	250 350 20	Pass
Rearwards stability	EN 1022:2005 6.6	Vertical force ,N Horizontal force: t≥5s	600 F=80N H≥720mm F=0.2857(1000-H)N H < 720 mm	Pass
Instruction for	Clause 8.1 General	Name and address of the producer (main Information regarding maintenance; Condition for use of the product (camp	••	Pass
use (visual check) Clause8.2 Marking for loungers Clause8.2 Marking moved with a person in it shall be per pictogram as show in Figure 2. The spictogram shall not be less than 25 m		nanently marked with the allest dimension of the	N.A.	

Note(s): N.A.: Not applicable

N.R.: Not request N.T.: Not test



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No. : DT138022

Appendix for Photos of the Submitted Sample(s)



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- 10. Issuance records of the Report are available on the internet at dgstc@dgstc.org. Further enquiry of validity or verification of the Reports should be addressed to the Company.



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No. : DT138023

Applicant (COC008) : INNOVATORS INTERNATIONAL LIMITED

Unit 406, Centennial Park, Centennial Avenue, Elstree, Herts, WD6

3TN

Description of Sample(s) : One(1) style of submitted sample(s) said to be :

Paint used for Children's Directo's r Chair

Composition: Blue paint

Date sample(s) Received : 2017-04-21

Date Tested : 2017-04-21 to 2017-04-25

Result Summary:

No.	Test Requested	Conclusion	Remark
1	Migration of certain elements - EN 71-3:2013+A1:2014	PASS	-





Date :2017-05-08 Page 2 of 3

No. : DT138023

TEST RESULT(S):

MIGRATION OF CERTAIN ELEMENTS - EN 71-3:2013+A1:2014

 $\label{lem:method:energy:equation:method:energy:e$

Sample Identity	Colour/ Component	Style
1	Paint used for Children Director Chair	

-	Unit	Result	Tirit Control	
Test Item(s)	-	1	Limit for type III: scrapped-	
Mass of Trace Amount	g	-	off toy material	
Parameter	-	-	(mg/kg)	
Lead (Pb)	mg/kg	N.D.	160	
Cadmium (Cd)	mg/kg	N.D.	17	
Chromium(III)	mg/kg	N.D.	460	
Barium (Ba)	mg/kg	N.D.	18750	
Antimony (Sb)	mg/kg	N.D.	560	
Arsenic (As)	mg/kg	N.D.	47	
Mercury (Hg)	mg/kg	N.D.	94	
Selenium (Se)	mg/kg	N.D.	460	
Aluminum (Al)	mg/kg	N.D.	70000	
Boron (B)	mg/kg	N.D.	15000	
Cobalt (Co)	mg/kg	N.D.	130	
Copper (Cu)	mg/kg	N.D.	7700	
Manganese (Mn)	mg/kg	N.D.	15000	
Nickel (Ni)	mg/kg	N.D.	930	
Strontium (Sr)	mg/kg	N.D.	56000	
Tin (Sn)	mg/kg	N.D.	180000	
Zinc (Zn)	mg/kg	N.D.	46000	
Chromium(VI)	mg/kg	N.D.	0.2	
Organic tin	mg/kg	N.D.	12	
Conclusion	-	Pass	-	

Note(s): - N.D. = Not Detected

- Method detection limit (mg/kg):

For type III: Cr(VI) 0.02; Soluble tin 2; Others 5

- mg/kg = milligram(s) per kilogram = ppm = part(s) per million



Date :2017-05-08 Page 3 of 3

No. : DT138023

Appendix for Photos of the Submitted Sample(s)



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No. : DT138200

Applicant (COC008) : INNOVATORS INTERNATIONAL LIMITED

Unit 406, Centennial Park, Centennial Avenue, Elstree, Herts, WD6

3TN

Description of Sample(s) : One(1) style of submitted sample(s) said to be :

Paint used for Children's Director's Chair

Composition: Transparent paint

Date sample(s) Received : 2017-05-02

Date Tested : 2017-05-02 to 2017-05-08

Investigation(s) Requested : Selected test(s) as detailed herein.

Result Summary:

No	Test Requested	Conclusion	Remark
	Migration of certain elements - EN 71-3:2013+A1:2014	PASS	-





Date :2017-05-10 Page 2 of 3

No. : DT138200

TEST RESULT(S):

MIGRATION OF CERTAIN ELEMENTS - EN 71-3:2013+A1:2014

 $\label{lem:method:energy:ene$

Sample Identity	Colour/ Component	Style
1	Paint used for Children Director Chair	-

-	Unit	Result	I imit for town III, concern of
Test Item(s)	-	1	Limit for type III: scrapped-
Mass of Trace Amount	g	-	off toy material (mg/kg)
Parameter	-	-	(mg/kg)
Lead (Pb)	mg/kg	N.D.	160
Cadmium (Cd)	mg/kg	N.D.	17
Chromium(III)	mg/kg	N.D.	460
Barium (Ba)	mg/kg	N.D.	18750
Antimony (Sb)	mg/kg	N.D.	560
Arsenic (As)	mg/kg	N.D.	47
Mercury (Hg)	mg/kg	N.D.	94
Selenium (Se)	mg/kg	N.D.	460
Aluminum (Al)	mg/kg	N.D.	70000
Boron (B)	mg/kg	N.D.	15000
Cobalt (Co)	mg/kg	N.D.	130
Copper (Cu)	mg/kg	N.D.	7700
Manganese (Mn)	mg/kg	N.D.	15000
Nickel (Ni)	mg/kg	N.D.	930
Strontium (Sr)	mg/kg	N.D.	56000
Tin (Sn)	mg/kg	N.D.	180000
Zinc (Zn)	mg/kg	N.D.	46000
Chromium(VI)	mg/kg	N.D.	0.2
Organic tin	mg/kg	N.D.	12
Conclusion	-	Pass	-

Note(s): - N.D.= Not Detected

- Method detection limit (mg/kg):

For type III: Cr(VI) 0.02; Soluble tin 2; Others 5

- mg/kg = milligram(s) per kilogram = ppm = part(s) per million



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Appendix for Photos of the Submitted Sample(s)



- 1. All samples and goods are accepted by The STC (Dongguan) Company Limited (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The Company provides its services on the basis that such terms and conditions constitute express agreement between the Company and any person, firm or company requesting its services (the "Clients").
- 2. Any report issued by the Company as a result of this application for testing service (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to his customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 4. The Report refers only to the sample tested and does not apply to the bulk, unless the sampling has been carried out by the Company and is stated as such in the Report.
- 5. In the event of the improper use the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 6. Sample submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 7. The Company will not be liable for or accept responsibility for any loss or damage howsoever arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
- 8. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 9. Subject to the variable length of retention time for test data and report stored hereinto as to otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of this test report for a period of three years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after the retention period. Under no circumstances shall we be liable for damages of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.
- 10. Issuance records of the Report are available on the internet at dgstc@dgstc.org. Further enquiry of validity or verification of the Reports should be addressed to the Company.