

TOYEAST LIMITED  
 FLAT B, 2/F., MOW HING FTY. BLDG.,  
 205 WAI YIP STREET, KWUN TONG  
 KOWLOON, HONG KONG

**THIS REPORT IS TO SUPERSEDE TEST REPORT NO. 2265019/TY.**

The following samples were submitted and identified on behalf of the client as  
 VSX - 1/72 INFRARED CONTROL RC TANK

Detail of Sample: PLASTIC PLAY SET CONTAINS 2 STYLES ASSORTED R/C TANKS WITH  
 SOUND, LIGHT, ROTATION AND MOVEMENT FUNCTION, OPERATED BY  
 RECHARGEABLE BATTERY (INCLUDED), 2 CONTROLLERS WITH LIGHT &  
 SOUND FUNCTION, OPERATED BY 4 "AA" SIZE BATTERIES (NOT INCLUDED),  
 COMES WITH A PAPER MAP, PLASTIC ACCESSORIES AND AN INSTRUCTION  
 MANUAL. WINDOW BOX PACKED.

Style/Item No.	: VSTANK X
Supplier/Manufacturer	: TOYEAST LIMITED
Country of Origin	: CHINA
Country of Destination	: EUROPE
Labeled Age Grading	: NOT FOR CHILDREN UNDER 3 YEARS
Requested Age Grading	: 14 UP
Age Group Applied in Testing	: OVER 3 YEARS
Sample Receiving Date	: NOV 05, 2009
Further Information Date	: NOV 13, 2009
Testing Period	: NOV 05, 2009 TO NOV 13, 2009

Test Requested

Result

For compliance with the European Standard on Safety of Toys :-  
 - EN71 Part 1:2005 + A8:2009 – Mechanical and Physical Properties  
 - EN71 Part 2:2006 + A1:2007 – Flammability of Toys  
 - EN71 Part 3:1994 + A1:2000/AC:2002 – Migration of Certain Elements

Pass  
Pass  
Pass

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

Signed for and on behalf of  
 SGS Hong Kong Ltd

S Y Leung  
 Senior Technical Development Manager  
 HOKLAS Approved Signatory

Chau Wing Yee, Miranda  
 Laboratory Executive  
 HOKLAS Approved Signatory

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

## Test Report

No. 2267117/TY

Date : Nov 20 2009

Page 2 of 5

### Results:

European Standard on Safety of Toys

Mechanical & Physical Properties

As specified in European standard on safety of toys EN71 Part 1:2005 + A8:2009

<u>Clause</u>	<u>Description</u>	<u>Results</u>
4	General requirements	
4.1	Material (by visual assessment)	<u>Pass</u>
4.7	Edges	<u>Pass</u>
4.8	Points and metallic wires	<u>Pass</u>
4.10	Parts moving against each other :	
	4.10.2 Driving Mechanisms	<u>Pass</u>
	4.10.3 Hinges (Not applicable to products with a hinged part that has a mass less than 250g.)	<u>N/A</u>
	4.10.4 Springs (Inaccessible spring was found in the submitted sample.)	<u>Pass</u>
4.20	Acoustics (Remark: With modification by using sound level meter complying with the specifications of IEC 60651 and IEC 60804.)	<u>Pass</u>
5	Toys intended for children under 36 months	<u>See Remark</u>
5.1	General requirements: (Remark : Small parts were found. It is acceptable because appropriate age warning is found on packaging.)	<u>Pass</u>
7	Warnings and instructions for use (Note: It is drawn to your attention that the warnings, precautions and instructions for use should be given in the national language(s) of the country where the product is sold.)	
7.1	General	<u>Pass</u>
7.2	Toys not intended for children under 36 months	<u>Pass</u>

### - Flammability of Toys

As specified in European standard on safety of toys EN71 PART 2: 2006 + A1:2007.

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General requirements	<u>Pass</u>

N.B.: - Only applicable clauses were shown

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Hong Kong Accreditation Service (HKAS) has accredited this laboratory under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories. The results shown in this report were determined by this laboratory in accordance with its terms of accreditation.

SGS Hong Kong Ltd. | 5/F - 8/F, 12/F & 28/F - 29/F, Metropole Square, 2 On Yiu Street, Siu Lek Yuen, Shatin, N.T., Hong Kong. t (852) 2334 4481 f (852) 2764 3126 www.hk.sgs.com

## Test Report

No. 2267117/TY

Date : Nov 20 2009

Page 3 of 5

### Migration of Certain Element

Method : With reference to EN 71 Part 3:1994 + A1:2000/AC: 2002. Analysis was performed by Inductively Coupled Argon Plasma – Atomic Emission Spectrometry.

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Permissible Limit (mg/kg)
	1	2	3	4		
Soluble Lead (Pb)	ND	ND	ND	ND	5	90
Soluble Antimony (Sb)	ND	ND	ND	ND	5	60
Soluble Arsenic (As)	ND	ND	ND	ND	5	25
Soluble Barium (Ba)	ND	ND	ND	ND	10	1000
Soluble Cadmium (Cd)	ND	ND	ND	ND	5	75
Soluble Chromium (Cr)	ND	ND	ND	ND	5	60
Soluble Mercury (Hg)	ND	ND	ND	ND	6.7	60
Soluble Selenium (Se)	ND	ND	ND	ND	10	500
<b>Comment</b>	PASS	PASS	PASS	PASS	--	--

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Permissible Limit (mg/kg)
	5	6	7	8		
Soluble Lead (Pb)	ND	ND	ND	ND	5	90
Soluble Antimony (Sb)	ND	ND	ND	ND	5	60
Soluble Arsenic (As)	ND	ND	ND	ND	5	25
Soluble Barium (Ba)	ND	ND	ND	12	10	1000
Soluble Cadmium (Cd)	ND	ND	ND	ND	5	75
Soluble Chromium (Cr)	ND	ND	ND	ND	5	60
Soluble Mercury (Hg)	ND	ND	ND	ND	6.7	60
Soluble Selenium (Se)	ND	ND	ND	ND	10	500
<b>Comment</b>	PASS	PASS	PASS	PASS	--	--

### Sample Description:

1. Transparent Plastic (LED)
2. White Plastic (Control)
3. Grey Plastic (Control)
4. Multi-Color Printed Plastic Label
5. Grey-White Soft Plastic (Plug)
6. White Paper
7. Cream White Plastic (Cover of Battery Box)
8. Multi-Color Coating on Paper

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Hong Kong Accreditation Service (HKAS) has accredited this laboratory under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories. The results shown in this report were determined by this laboratory in accordance with its terms of accreditation. **H20214277**  
 SGS Hong Kong Ltd. | 5/F - 8/F, 12/F & 28/F - 29/F, Metropole Square, 2 On Yiu Street, Siu Lek Yuen, Shatin, N.T., Hong Kong. t (852) 2334 4481 f (852) 2764 3126 www.hk.sgs.com

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Permissible Limit (mg/kg)
	9	10	11	12		
Soluble Lead (Pb)	ND	ND	ND	6	5	90
Soluble Antimony (Sb)	ND	ND	ND	ND	5	60
Soluble Arsenic (As)	ND	ND	ND	ND	5	25
Soluble Barium (Ba)	ND	ND	ND	18	10	1000
Soluble Cadmium (Cd)	ND	ND	ND	ND	5	75
Soluble Chromium (Cr)	ND	ND	ND	ND	5	60
Soluble Mercury (Hg)	ND	ND	ND	ND	6.7	60
Soluble Selenium (Se)	ND	ND	ND	ND	10	500
<b>Comment</b>	PASS	PASS	PASS	PASS	--	--

Test Item	Result (mg/kg)					Detection Limit (mg/kg)	Permissible Limit (mg/kg)
	13	14	15	16	17		
Soluble Lead (Pb)	ND	ND	ND	5	ND	5	90
Soluble Antimony (Sb)	ND	ND	ND	ND	ND	5	60
Soluble Arsenic (As)	ND	ND	ND	ND	ND	5	25
Soluble Barium (Ba)	ND	ND	ND	ND	ND	10	1000
Soluble Cadmium (Cd)	ND	ND	ND	ND	ND	5	75
Soluble Chromium (Cr)	ND	ND	ND	ND	ND	5	60
Soluble Mercury (Hg)	ND	ND	ND	ND	ND	6.7	60
Soluble Selenium (Se)	ND	ND	ND	ND	ND	10	500
<b>Comment</b>	PASS	PASS	PASS	PASS	PASS	--	--

Mass of trace amount of Sample No 9 = 14.4mg  
 Mass of trace amount of Sample No 10 = 22.2mg  
 Mass of trace amount of Sample No 12 = 60.0mg

Mass of trace amount of Sample No 15 = 19.3mg  
 Mass of trace amount of Sample No 16 = 74.3mg

**Sample Description:**

9. Grey Coating (Accessories)
10. Dk. Grey Coating (Accessories)
11. Brown Plastic(Accessories)
12. Dusty Coating (Tank)
13. Green Plastic (Tank)
14. Black Soft Plastic (Tyre)
15. Smoky Grey Coating (Tank)
16. Charcoal Grey Coating (Battery Cover)
17. Translucent White Plastic (Tank)

Note : 1. mg/kg = milligram per kilogram  
 2. ND = Not Detected

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Hong Kong Accreditation Service (HKAS) has accredited this laboratory under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories. The results shown in this report were determined by this laboratory in accordance with its terms of accreditation.

Remark : Insufficient test portion of the following components was present on the received sample(s), therefore such components were not tested for migration of certain elements, as specified in the European Standard, EN 71 part 3: 1994 + A1:2000/AC:2002, Clause 7 - Selection of test portions.

Description	Mass (mg)
a. Yellow Plastic (Plug)	6.0
b. White Coating (Pattern)	5.8
c. Dull Silvery Coating (Pattern)	1.5
d. Brown Coating (Tank)	1.0
e. Grey-Black Coating (Tank)	0.8
f. Black Coating	0.1
g. Brown-Red Coating (Tank)	0.2
h. Lt. Brown Coating (Tank)	0.5



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Hong Kong Accreditation Service (HKAS) has accredited this laboratory under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories. The results shown in this report were determined by this laboratory in accordance with its terms of accreditation.