CASTCO
佳力高試驗中心有限公司
CASTCO TESTING CENTRE LIMITED
香港粉嶺安居街33號 33, On Kui Street, Fanling, Hong Kong. Tel : 2597 8333
香港粉嶺安全街29A號 29A, On Chuen Street, Fanling, Hong Kong. Fax: 2597 8399
E-mail: info@castco.com.hk Website: www.castco.com.hk

ACCREDITED
Testing Laboratory

Test Report
Non-Metallic Material & Products Testing

Date of issue: 13-03-2019

Castco LRN: 180627-0001

Details as supplied by customer

Name of Customer :	Wah Hung Fire Prevention Equipment Co., Limited
Address :	G/F, No.75 Bedford Road, Tai Kok Tsui, Kowloon, Hong Kong
Job Title :	--
Customer's Ref. No. :	--
Contract No. :	--

Sample details as supplied by customer

Date of Sample Received :	27-06-2018
Test Period :	03-07-2018 to 21-11-2018
Sample Description :	Epoxy Powder Coating
Brand Name :	WAH HUNG
Manufacturer :	Wah Nan Fire Fighting Equipment Co., Ltd.

Test Method(s):

Part 2 :

Section 2.2 : BS 6920-2.2.1:2000 + A3:2014 Odour and Flavour of Water

Section 2.3 : BS 6920-2.3:2000 + A1:2014 Appearance of Water

Section 2.4 : BS 6920-2.4:2000 + A1:2014 Growth of Aquatic Micro-Organisms Test

Section 2.5 : BS 6920-2.5:2000 + A2:2014 The extraction of substances that may be of concern to public health

Section 2.6 : BS 6920-2.6:2000 + A2:2014 Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water - The extraction of metals

Remarks:

I. Test results only relate to the specimen tested and showed on Appendix I.

II. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client. Castco therefore assumes no responsibility for the accuracy of information on the brand name, origin of manufacture, consignment or any information supplied.

III. This test report supersedes previous test report of Castco LRN: 180627-0001 issued on 26-11-2018.

Checked by : Au Kwok Kin, Assistant Technical Manager

Approved Signatory : Cheng Chi Fai, Senior Manager

CASTCO
佳力高試驗中心有限公司
CASTCO TESTING CENTRE LIMITED
香港粉嶺安居街33號 33, On Kui Street, Fanling, Hong Kong. Tel : 2597 8333
香港粉嶺安全街29A號 29A, On Chuen Street, Fanling, Hong Kong. Fax: 2597 8399
E-mail: info@castco.com.hk Website: www.castco.com.hk

ACCREDITED
Testing

Report
ial & Products Testing

Test
Non-Metallic Mater

Date of issue: 13-03-2019

Castco LRN: 180627-0001

Surface area of the sample : 30000 mm^2
Cal. Mark of test container : 2000 mL

Result	
rine-Free Water	Chlorinated Water
No	No
No	No
--	--
--	--

Section 2.2 : Odour and Flavour of Water
Extraction Temperature : 23°C

Extraction Solution		Chlo
First extract	Odour	
	Flavour	
Seventh extract		
	Flavour	

Section 2.3 : Appearance of Water
Extraction Temperature : 23°C

CASTCO
佳力高試驗中心有限公司
CASTCO TESTING CENTRE LIMITED
香港粉嶺安居街33號 33, On Kui Street, Fanling, Hong Kong. Tel : 2597 8333
香港粉嶺安全街29A號 29A, On Chuen Street, Fanling, Hong Kong. Fax: 2597 8399
E-mail: info@castco.com.hk Website: www.castco.com.hk

ACCREDITED
Testing Laboratory

Test Report
Non-Metallic Material & Products Testing

Date of issue: 13-03-2019

 Castco LRN: 180627-0001

Section 2.4 : Growth of Aquatic Micro-Organisms Test

Extraction Temperature : 30°C

Surface area of the sample : 30000 mm^2

Cal. Mark of test container : 20000 ml*

Specimens	Result	
	Dissolved oxygen (mg/L)	
	*MDOD	BS Requirement
Test Product (Single sample)	0.3	<1.69
Glass (Negative reference)	-0.3	MDOD = 0.0 ± 0.6
Paraffin wax (Positive reference)	5.1	MDOD = 7.5 ± 2.5

Remark(s):

The mean dissolved oxygen concentration of the control was 7.2 mg/L. (BS Requirement: 8.5 ± 2.5)

*MDOD = Mean dissolved oxygen difference

Section 2.5 : The extraction of substances tha

佳力高試驗中心有限公司
CASTCO TESTING CENTRE LIMITED
香港粉嶺安居街33號
香港粉嶺安全街29A號
E-mail: info@castco.com.hk
33, On Kui Street, Fanling, Hong Kong.
29A, On Chuen Street, Fanling, Hong Kong.
Website: www.castco.com.hk
Tel : 2597 8333
Fax: 2597 8399

ACCREDITED

Test Report

Non-Metallic Material Flammability Testing

1) The maximum allowable concentrations are according to BS 6920:2014 (Part 1: Specification) Table 1

2) This test report supersedes previous test report of Castco LRN: 180627-0001 issued on 26-11-2018

CASTCO 佳力高試驗中心有限公司
CASTCO TESTING CENTRE LIMITED
香港粉嶺安居街33號 33, On Kui Street, Fanling, Hong Kong. Tel : 2597 8333
香港粉嶺安全街29A號 29A, On Chuen Street, Fanling, Hong Kong. Fax: 2597 8399
E-mail: info@castco.com.hk Website: www.castco.com.hk

IAS ACCREDITED Testing Laboratory

Summary of Results

Date of issue: 13-03-2019

 Castco LRN: 180627-0001

Sample Description : Epoxy Rowder Coating

Standard	Test	Compliance with BS 6920, Part 1:2014
		(cold water)
BS 6920, Section 2.2.1 : 2014	Odour and Flavour	Pass
BS 6920, Section 2.3 : 2014	Appearance	Pass
BS 6920, Section 2.4 : 2014	Growth of aquatic micro-organisms	Pass
BS 6920, Section 2.5 : 2014	Extraction of substances that may be of concern to public health	Pass
BS 6920, Section 2.6 : 2014	Extraction of metal	Pass

Remarks:

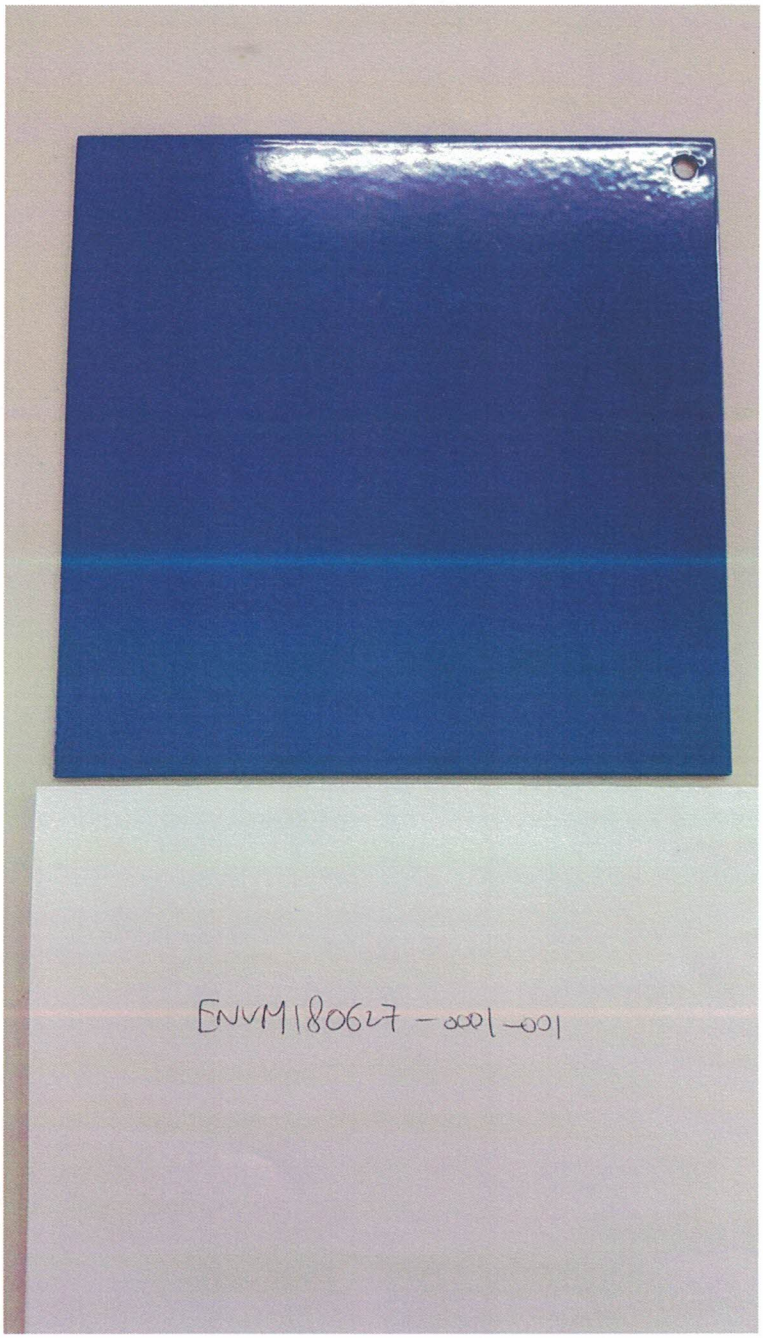
I. This test report supersedes previous test report of Castco LRN: 180627-0001 issued on 26-11-2018.

End of Report

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to the joint ISO-ILAC-IAF Communique dated January 2009). This report should not be reproduced except in full.

Appendix I
(Photo of sample)

Date of issue: 13-03-2019



Remarks:

I. This appendix I supersedes previous appendix I of Castco LRN: 180627-0001 issued on 26-11-2018.

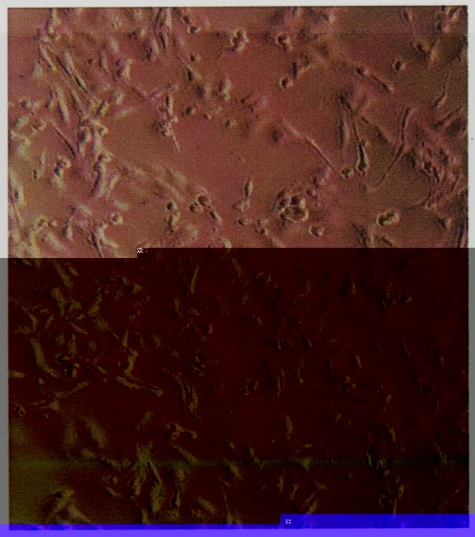
Appendix II

(BS 6920-2.5:2000 + A2:2014 The extraction of substances that may be of concern to public health)

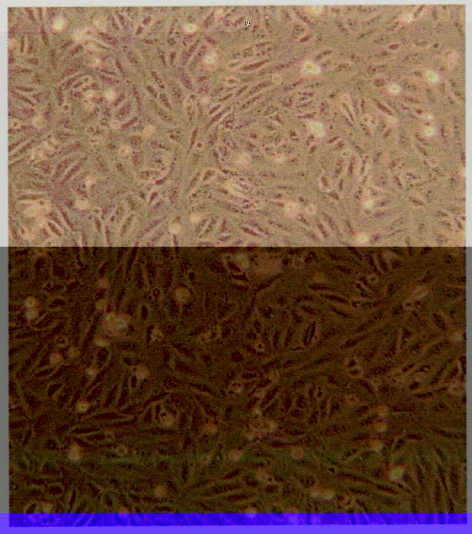
Date of issue: 13-03-2019

Castco LRN: 180627-0001

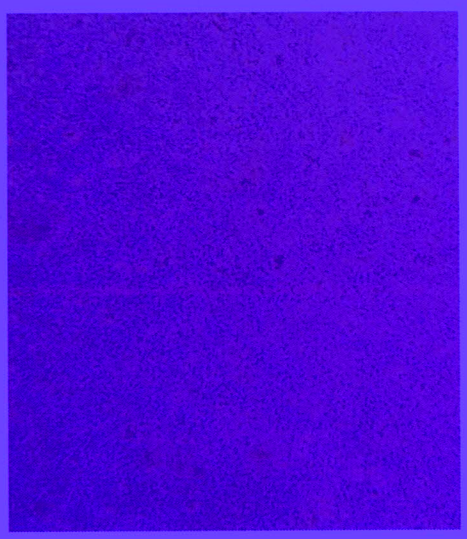
Sample: Epoxy Powder Coating



Sample



Blank



Zinc Sulphate



Cells only

Remarks:

I. This appendix II supersedes previous appendix II of Castco LRN: 180627-0001 issued on 26-11-2018.