救世軍田家炳學校家長教師會通告

敬啟者:

因應疫情新常態,口罩已成為我們日常生活的必需品,並為配合本校品德教育主題,本年度家 教會設計了印有八個品德達人的兒童口罩及成人口罩作義賣供家長訂購。是次義賣活動於扣除成本 後,將全數撥捐學校作教育用途。

有關義賣活動詳情如下:

- 義賣形式:家長透過 eClass 通告之回覆作網上認購
- 口罩生產商: Maskology Limited
- 口罩生產地:香港 3.
- 類別:(A)145mm x 95mm (兒童三層口罩);(B)175mm x 95mm (成人三層口罩)
- 規格: ASTM Leve 3 BFE、PFE 及 VFE 超過 99% (詳閱附件証明書) 5.
- 售價: \$50/包 (每包有 10 個口罩) 6.
- 每位學生限購數量:成人口罩1包及兒童口罩2包 7.
- 付款日期及領取口罩方法:

1月20日(四)家長回校領取功課時,將費用交班主任,並即時領取口罩。

請以現金支付,並不設找贖。

- 9. 備註:
 - a. 學生可於學校的典禮/平日上學佩戴由家教會設計的口罩,以增加同學對學校的歸屬感。
 - b. 請於限期前認購口罩,之後不設補購。
 - C. 口罩樣式及規格可參看附件。

敬請家長細閱通告內容,並於1月19日(三)或以前以電子回條回覆。如有任何查詢,請致電 2648 9283 與陳謹書老師聯絡。口罩數量有限,為免向隅,欲購從速!

附件:口罩樣式圖片(附件1)及品質証明書(附件2)

此致

各家長



救世軍田家炳學校家長教師會主席

陳健明謹啟

條 回

PTA-2021-009-陳謹書老師

敬覆者:

本人已收到有關家長教師會口罩義賣籌款活動通告,現本人 欲購買 / 暫不購買 口罩。

- 1. 成人口罩數量:____包(限購1包)
- 2. 兒童口罩數量:____包(限購2包)

此覆

救世軍田家炳學校

主曆二零二二年一月





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No. : HC20080615

Applicant(Code:01325698): Maskology Limited

Unit 1120 11/F Wah Luen Industrial Centre

15-21 Wong Chuk Yeung Street

Shatin NT HK

Description of Sample(s) : One submitted sample said to be 中童口罩.

Sample(s) Received Condition(s): In intact original package under

ambient temperature

Date Sample(s) Received : 2020-08-13

Date Tested : 2020-08-14 to 2020-08-26

Investigation Requested : Performance Test as per ASTM F2100

1. Bacterial Filtration Efficiency 細菌過濾效率 (BFE) % - Staphylococcus aureus 金黃色葡萄球菌 (ATCC 6538)

2. Particulate Filtration Efficiency 微粒過濾效率 (PFE) %

3. Differential Pressure 空氣交換壓力差

4. Synthetic Blood Penetration 合成血液穿透性

5. Flammability to Class 1 可燃性

CHUAH Ah Poh, Anne **Authorized Signatory** Chemical and Food Department

For and on behalf of

The Hong Kong Standards and Testing Centre Ltd.

In the event of any discrepancy between the English and Chinese versions of the text mentioned before, the English version shall prevail to the extent of such discrepancy only.



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Requirement:

Performance Test as per ASTM F2100-19	Level 1	Level 2	Level 3
Bacterial Filtration Efficiency(BFE) %	≥95%	≥98%	
細菌過濾效率			
- Staphylococcus aureus (ATCC 6538)			
金黃色葡萄球菌			
Particulate Filtration Efficiency (PFE) %	≥95%	≥9	8%
微粒過濾效率			
Differential Pressure (ΔP) 空氣交換壓力差	<5.0 mmH ₂ O/cm ²	<6.0 mm	H ₂ O/cm ²
Resistance to Penetration by Synthetic Blood	80 mmHg	120 mmHg	160 mmHg
Penetration 合成血液穿透性			
Flame Speed (Flammability to Class 1) 可燃性	Class 1		
	(The time of flame spread is 3.5 seconds or more)		

Summary:

Performance Test as per ASTM F2100-19	中童口罩
	Level 3
Bacterial Filtration Efficiency(BFE) % 細菌過濾效率	Pass
– Staphylococcus aureus (ATCC 6538) 金黃色葡萄球菌	
Particulate Filtration Efficiency (PFE) % 微粒過濾效率	Pass
Differential Pressure (ΔP) 空氣交換壓力差	Pass
Resistance to Penetration by Synthetic Blood Penetration 合成血液穿透性	Pass
Flame Speed (Flammability to Class 1) 可燃性	Pass



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Method(s) Used:

1. ASTM F2100-2019 9.1 &ASTM F2101-2019

- 2. ASTM F2100-2019 9.3 & ASTM F2299-2017
- 3. ASTM F2100-2019 9.2 & EN 14683:2019 Annex C
- 4. ASTM F2100-2019 9.4 & ASTM F1862-2017
- 5. 16 CFR 1610

Test Result(s):

1. Bacterial Filtration Efficiency 細菌過濾效率 (BFE) % - Staphylococcus aureus 金黃色葡萄球菌 (ATCC 6538)

Specimen(s)	中童口罩
1	99.7%
2	>99.9%
3	99.8%
4	99.7%
5	>99.9%

Notes: - Control average 對照組的平均菌落數:1896 CFU

- Mean particle size 平均粒徑:2.8µm

- Testing side 測試面: Outside of specimen 外側

- Testing area 測試面積:47 cm²

2. Particulate Filtration Efficiency 微粒過濾效率 (PFE) % (0.1µm PSL; Flow rate: 28.3 Litre/min)

Specimen(s)	中童口罩
1	>99.9%
2	99.9%
3	>99.9%
4	>99.9%
5	>99.9%



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3. Differential Pressure 空氣交換厭力差

Specimen(s)	中童口罩
1	5.84 mmH ₂ O/cm ²
2	$5.66 \text{ mmH}_2\text{O/cm}^2$
3	$5.62 \text{ mmH}_2\text{O/cm}^2$
4	$5.74 \text{ mmH}_2\text{O/cm}^2$
5	5.97 mmH ₂ O/cm ²
6	$5.75 \text{ mmH}_2\text{O/cm}^2$
7	$5.60 \text{ mmH}_2\text{O/cm}^2$
8	$5.98 \text{ mmH}_2\text{O/cm}^2$
9	$5.88 \text{ mmH}_2\text{O/cm}^2$
10	$5.98 \text{ mmH}_2\text{O/cm}^2$
11	$6.09 \text{ mmH}_2\text{O/cm}^2$
12	$5.72 \text{ mmH}_2\text{O/cm}^2$
13	$5.88 \text{ mmH}_2\text{O/cm}^2$

Requirement:

An acceptable quality limit of 4.0% is met for a normal single sampling plan when ≥ 12 of 13 test specimens show passing result

Notes: $-1mmH_2O = 9.8Pa$

For Conditions of Issuance of this test report, please refer to the overleaf and Website.



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4. Synthetic Blood Penetration 合成血液穿透性 (Pressure: 160mmHg)

Specimen(s)	中童口罩	Specimen(s)	中童口罩
1	None Seen 無穿透	17	None Seen 無穿透
2	None Seen 無穿透	18	None Seen 無穿透
3	None Seen 無穿透	19	None Seen 無穿透
4	None Seen 無穿透	20	None Seen 無穿透
5	None Seen 無穿透	21	None Seen 無穿透
6	None Seen 無穿透	22	None Seen 無穿透
7	None Seen 無穿透	23	None Seen 無穿透
8	None Seen 無穿透	24	None Seen 無穿透
9	None Seen 無穿透	25	None Seen 無穿透
10	None Seen 無穿透	26	None Seen 無穿透
11	None Seen 無穿透	27	None Seen 無穿透
12	None Seen 無穿透	28	None Seen 無穿透
13	None Seen 無穿透	29	None Seen 無穿透
14	None Seen 無穿透	30	None Seen 無穿透
15	None Seen 無穿透	31	None Seen 無穿透
16	None Seen 無穿透	32	None Seen 無穿透

Requirement:

An acceptable quality limit of 4.0% is met for a normal single sampling plan when \geq 29 of 32 test specimens show passing result (none seen)

5. Flammability 可燃性

Specimen(s)	中童口罩	Class
	Time of spread of flame (Original state)	
1	Did not ignite 沒有燃點	1
2	Did not ignite 沒有燃點	
3	Did not ignite 沒有燃點	
4	Did not ignite 沒有燃點	
5	Did not ignite 沒有燃點	



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Photo(s):



***** End of Test Report *****

Conditions of Issuance of Test Reports

- 1. All samples and goods are accepted by The Hong Kong Standards & Testing Centre 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. Subject to clause 3, 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 be at liberty to disclose the testing-related documents and/or files anytime to any third-party accreditation and/or recognition bodies for audit or other related purposes. No liabilities whatsoever shall attach to the Company's act of disclosure.
- 4. 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.
- 5. The results in Report apply only to the sample as received and do not apply to the bulk, unless the sampling has been carried out by the Company and is stated as such in the Report.
- 6. When a statement of conformity to a specification or standard is provided, the ILAC-G8 Guidance document (and/or IEC Guide 115 in the electrotechnical sector) will be adopted as a decision rule for the determination of conformity unless it is inherent in the requested specification or standard, or otherwise specified in the Report.
- 7. 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.
- 8. 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.
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- 11. 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.
- 12. Issuance records of the Report are available on the internet at www.stc.group. Further enquiry of validity or verification of the Reports should be addressed to the Company.