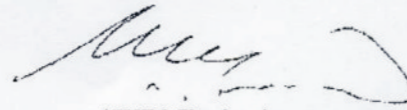


檢測報告

fitting if they are found afterwards not suitable for use in fresh water plumbing systems in terms of quality or unacceptability of materials, which remain a guarantee to be provided by the manufacturer.

This letter does not signify the approval of their mechanical and physical properties for any use. The fitness of purpose for their use remains the responsibilities of the designer of the fresh water plumbing systems.

Yours faithfully,



(CHIN Chu Sum)
for Water Authority

FORM 11-02

P.2

To: 057685176826

08-FEB-2013 10:04 From:

香港 BS6920 報告




NUTEK SYSTEMS, LTD.

Unit B, 13/F., Universal Ind. Ctr.,
23-25 Shan Mei Street,
Fo Tan, Shatin, N.T., Hong Kong.
Tel: (852) 2605 5736 Fax: (852) 2692 0798

TEST REPORT

NUTEK SYSTEMS, LTD.
Certified True Copy

TITLE : Testing of Pipe and Fitting
 OUR REFERENCE NO. : JC0077
 DESCRIPTION OF SAMPLE : Black colour HDPE pipes and fittings;
 details are shown in Appendix A.
 SAMPLE SUBMITTED BY : Linhai Weixing New Building Materials Co., Ltd.
 Economy Zone of LinHai, ZheJiang, China.
 MANUFACTURER : 中国伟星集团临海市伟星新型建材有限公司
 BRAND : 伟星
 COUNTRY OF ORIGIN : China
 BODY MARKINGS :
 (1) Pipes -  WEIXING series number WATER pressure rating standard dimension ratio
 diameter x wall thickness GB/T 13663-2000 manufacturing date and time
 (2) Fittings - 伟星[®] nominal size standard dimension ratio
 METHOD OF TESTS : BS6920 : Part 2 : 2000 -
 Section 2.2.2 : 2000 Odours and flavours imparted to water by hoses
 and composite pipes and tubes
 Section 2.3 : 2000 Appearance of water
 Section 2.4 : 2000 Growth of aquatic microorganisms
 Section 2.5 : 2000 The extraction of substances that may be of
 concern to public health
 Section 2.6 : 2000 The extraction of metals and
 BS6920: Part 3 : 2000 - High temperature tests
 PERIOD OF TESTS : 9th July to 27th October 2004

RESULTS:-

The black colour HDPE material which is in contact with potable water in actual use was subjected to the following tests:

1. ODOUR AND FLAVOUR OF WATER (BS6920 : Section 2.2.2)

Extraction temperature = 50 °C

Remark : Pass; no discernible odour and flavour in the first dilution and second dilution of both final chlorinated and final unchlorinated extracts.

2. APPEARANCE OF WATER (BS6920 : Section 2.3)

Extraction temperature = 60 °C

	Final extract		Remark
	Increase in colour (mg/l Pt)	Increase in turbidity (FNU)	
Sample	< 5	< 0.5	Pass
BS Requirement	5 max.	0.5 max.	/

/.....P.2