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Brugge, 26-06-2012

Sehr geehrter Herr Lohmüller,

Betrifft: Zertifikat der WRAS

Anforderungen der Norm BS 6920 an Materialien in Kontakt mit Trinkwasser

Wir erklären, dass PM6/35/5321/14 (*) die Anforderungen der BS 6920 erfüllt.

(*) Produkt enthält nur die Fritten GS1564 und GS1565.

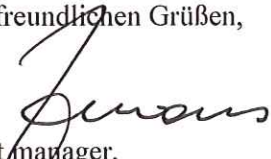
In Anlage finden Sie eine Kopie des WRC-NSF Berichtes.


Alle Einzelheiten und Informationen in Bezug auf die Eignung und Anwendung unserer Produkte werden ohne Verbindlichkeit mitgeteilt und entheben den Käufer nicht von der Durchführung eigener Untersuchungen und Prüfungen. Der Käufer ist allein verantwortlich für die Befolgung von gesetzlichen und offiziellen Bestimmungen bezüglich der Verwendung unserer Produkte (im Besonderen die Bedarfsgegenstandsverordnungen).

Die Prüf- und Analysenvorschriften zur Schadstoffabgabe müssen den nationalen Gesetzen des betreffenden Landes entsprechen. Es ist zu berücksichtigen, dass in bestimmten Ländern für die Schadstoffabgabe aus emaillierten Bedarfsgegenständen auch andere Grenzwerte und Elemente (neben Blei und Cadmium) maßgebend sein können.

Wir hoffen Ihnen damit weitergeholfen zu haben, und bleiben immer zu Ihrer Verfügung.

Mit freundlichen Grüßen,


Plant manager,
Ouwens John


Leiter Produktsicherheit,
Van de Kerckhove Kurt

Kopie : Brosseder H.W. (Geschäftsführer PEMCO Emailtechnik GmbH)

Anhang : WRC-NSF Report GS1564/GS1565 (5 Seiten)

WATER REGULATIONS ADVISORY SCHEME

BS6920 TEST ON EFFECT OF WATER QUALITY

FINAL REPORT

Organisation: Pemco Brugge BVBA

Product: GS1564/GS1565

WRc-NSF REPORT No MAT/LAB 481J

Date of Report 14th April 2005

WORK/MAT012

Revision No. 2, 01/08/04

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WRc-NSF Final Report for the Testing of a Product for Water Regulations Advisory Scheme Approval	WRc-NSF Report No MAT/LAB 481J
Name of Organisation: Pemco Bugge BVBA	
Product: GS1564/GS1565	Date of Report 14/04/05

1. SUMMARY

Test	Result
Odour and flavour of water	Not applicable
Appearance of water	Not applicable
Growth of aquatic microorganisms	Not applicable
The extraction of substances that may be of concern to public health	Not applicable
Extraction of metals	Pass

This product has satisfied the criteria set out in BS6920: Part 1: Clause 8, extraction of metals: 2000 "Specification" and thus does comply with the requirements of the Water Regulations Advisory Scheme Tests of Effect on Water Quality and is suitable for use with hot (up to 85 °C) and cold water. No other tests were undertaken on this product.

Mark Norris

Mr Mark Norris, Materials Test Manager

Date *14th April 2005*

Please note the following statements
a) The samples of the product referred to in this report have been tested in accordance with the methods specified in BS6920: 2000 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.
b) This work has been undertaken in the UKAS accredited laboratory of WRc-NSF Ltd Oakdale, UKAS registration number 0626, unless otherwise stated. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
c) The results specified in this report relate only to the samples(s) of this product submitted for testing. Any changes in the nature or source of ingredients and the process of manufacturer or application could affect the suitability of this product for use in contact with potable water.
d) We draw to your attention that reports issued by the accredited test laboratories do not of themselves constitute approval by the Water Regulations Advisory Scheme or the test laboratory. Only a letter from the Scheme, citing a Directory Reference number can be regarded as indicating approval.
e) Materials and products intended for use by a public water supply company in the preparation or conveyance of water may need to satisfy more comprehensive toxicological requirements as specified by the Drinking Water Inspectorate. These additional requirements are necessary to ensure Water Company usage complies with Regulation 31 of the Water Supply (Water Quality) Regulations 2000.

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2. SAMPLES FOR TESTING

BS6920, Section 2.1 and in-house method PROC/MAT 001.

Contact name: JP Van Roose
Name of organisation: Pemco Bugge BVBA
Address: Pathoekeweg 116 B-8000 Brugge Belgium

Product:	GS1564/GS1565
Product manufacturer:	Pemco Bugge BVBA
Submitting organisation:	Pemco Bugge BVBA

Date of receipt of product for test:	23/02/05
Trade name and reference of product:	GS1564/GS1565
Batch number:	Not applicable
General composition of product:	Enamel mix
Typical use of the product:	Enamel mix for the enamelling of the inner sides of hot water tanks

Sampling procedure:	Random
Receipt conditions and packaging:	In good condition
Storage conditions:	As in BS 6920 Part 2 Clause 5.2
Description/Appearance of the product:	Dark blue coated plaque

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Component name/reference:	Not applicable
Component manufacturer:	Not applicable
Fitting name/reference:	Not applicable
Fitting manufacturer:	Not applicable

Test sample preparation:	Product prepared by applicant
Date test sample manufactured:	02/05
Date test sample prepared:	Not applicable

Surface area of one article:	15000 mm ²
Number of articles constituting a sample:	One
Surface area for test:	15000 mm ²
Calibration mark of test container:	One litre

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3. THE EXTRACTION OF METALS

Methodology: BS6920, Section 2.6, in-house methods PROC/MAT 006 and INGs, as specified.

Test results

Date leaching tests started: 01/03/05	Date leaching tests finished: 10/03/05
Analysis Registration No N21602 & N21665	Temperature of extraction: 85 ±2 °C

Metal (µg l ⁻¹)	MAC (µg l ⁻¹)	LOD (µg l ⁻¹)	Blank (µg l ⁻¹)	First extract Sample 1 (µg l ⁻¹)	First extract Sample 2 (µg l ⁻¹)
Aluminium	200	20	<20	31	41
Antimony	10 #	0.5#	<0.5	<0.5	<0.5
Arsenic	50 #	1#	<1	<1	<1
Barium	1000	100	<100	<100	<100
Cadmium	5	0.5	<0.5	<0.5	<0.5
Chromium	50	5	<5	<5	<5
Iron	200	20	<20	20	41
Lead	50 #	1#	<1	<1	<1
Manganese	50	5	<5	9	12
Mercury	1	0.1	<0.1	<0.1	<0.1
Nickel	50 #	2#	<2	6	7
Selenium	10	1	<1	<1	<1
Silver	10	1	<1	<1	<1

Key

MAC - Maximum admissible concentration LOD - Required limit of detection

Analytical Method (in-house method), all metals Inductively Coupled Plasma Mass Spectrometry (ING113) except mercury, Cold Vapour Atomic Absorption Spectrometry (ING75)

Note :

#:- MAC is taken from the 1989 Drinking Water Directive requirements; LOD is based on the 1998 Drinking Water Directive requirements.

First extract becomes final extract

On the basis of these results the samples of this product referred to in this report have been found to comply with the requirements of BS6920, Part 1, Clause 8