



Order No: 22959-1
 Sample(s) Received at: 2022/10/11
 Date of Financial Verifying: 2022/10/26
 Testing End Date: 2022/11/3
 Current Date: 2022/11/5
 Revision No.: 0

Customer Name: Loule Va Mashin Sazi Iran
 Client Reference Number: 010/ص/26398
 Customer Address: Near Of Boutan Company, 1th Km Of Saveh Road
 Sample Name: STEEL WITH BITUMINOUS PAINT COATING

Condition

Temperature : 25°C

Moisture: 30%

Sampling was done by the customer.

Page: 1 of 4

Appearance Of Water

Result of chemical analysis test:

Extract	Test Rsample effect	Test Reference Standard		
		Blank	Extract	
Color (mg Pt/L)	None	<5	<5	BS 6920-2.3
Turbidity (FNU)	None	<0.5	<0.5	BS 6920-2.3

- Approved laboratory by INSO, MHME & ED
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- Selected as premier research center by MIMT for 2015 to 2021
- Selected as premier laboratory by NTLN in 11 consecutive years
- Selected as premier laboratory by IHTLN in 6 consecutive years



Expert

Technical Manager

Laboratory Manager

M. Jafarian

Report is valid only with **hologram, embossed paper and stamp**. RMRC has no responsibility for sampling process and sample name. Test samples will be stored only for **one month** after the tests. Test results will be valid only for the tested samples. All information related to test results is considered confidential and can not be presented to anyone else except with the permission of the customer or due to legal requirements. for further information please call laboratory manager. for direct contact with the CEO please call (+98)(21) 46815533 Voice of the customer: (+98)(21) 46831568 Address: No. 8, Fernan St., HajGhasem Asghari Blvd., Shahre Ghods Entrance, 21th Km, Karaj Makhous Rd., Tehran, Iran. Zip Code: 3753146171 Tel: (+98)(21) 6307 and 46831570 - 7
 (+98)(912) 7990870 Fax: (+98)(21) 46831597 - 46843371 Website: www.razi-center.net Email: info@razi-center.net



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Chemical Analysis

According to: BS 6920-2.6 :2014

Result

- Result of chemical analysis test:

Element	Concentration (ppm)	Element	Concentration (ppm)	Element	Concentration (ppm)	Element	Concentration (ppm)
Al	<0.2	Cd	<0.002	Cr	<0.05	Fe	<0.01
Mn	<0.002	Ni	<0.002	Pb	<0.01	Sb	<0.005
As	<0.01	Hg	<0.001	B	<0.5	Se	<0.01

Remarks

- According to the results, the sample conforms "BS 6920-1 : 2014" standard, so its suitable for use in contact with water intended for human consumption .
- Test of B, Se, Hg,As elements was done by ICP-OES.

		Sb	As	Cd	Cr	Pb	Hg	Ni	Al	Fe	Mn	Se	B
BS 6920-1 : 2014	Concentration (ppm)	0.005	0.01	0.005	0.05	0.01	0.001	0.02	0.2	0.2	0.05	0.01	1.0

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TEST REPORT

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 Client Reference Number: 010/ص/26398
 Customer Address: Near Of Boutan Company, 1th Km Of Saveh Road
 Sample Name: STEEL WITH BITUMINOUS PAINT COATING

Page: 3 of 4

Condition

Temperature : 25°C

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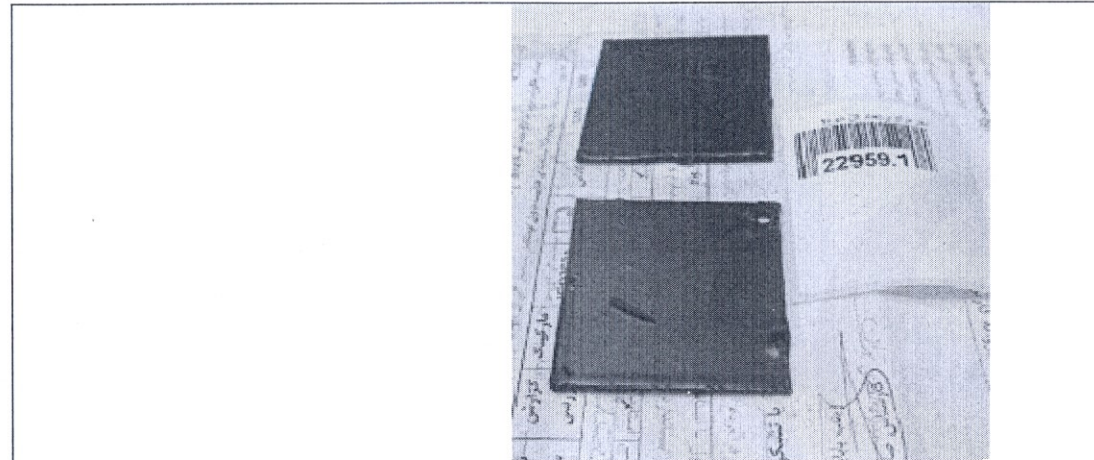


Image of the sample

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 Client Reference Number: 010/ص/26398
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 Sample Name: STEEL WITH BITUMINOUS PAINT COATING

Condition

Temperature : 21°C

Moisture: 38%

of scope the under performed was Test ISO/IEC17025 standard.

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Layer Thickness, SEM

Sample preparation: transverse
 Test Scope: RMRC-WI-550-105

Result of coating layer thickness of both sides, SEM:

Coat-side1:

Row	Layer Thickness (µm)	Row	Layer Thickness (µm)	Row	Layer Thickness (µm)	Mean (µm)
1	197.14	2	203.42	3	204.99	-

Coat-side2:

Row	Layer Thickness (µm)	Row	Layer Thickness (µm)	Row	Layer Thickness (µm)	Mean (µm)
1	125.18	2	123.46	3	127.63	-

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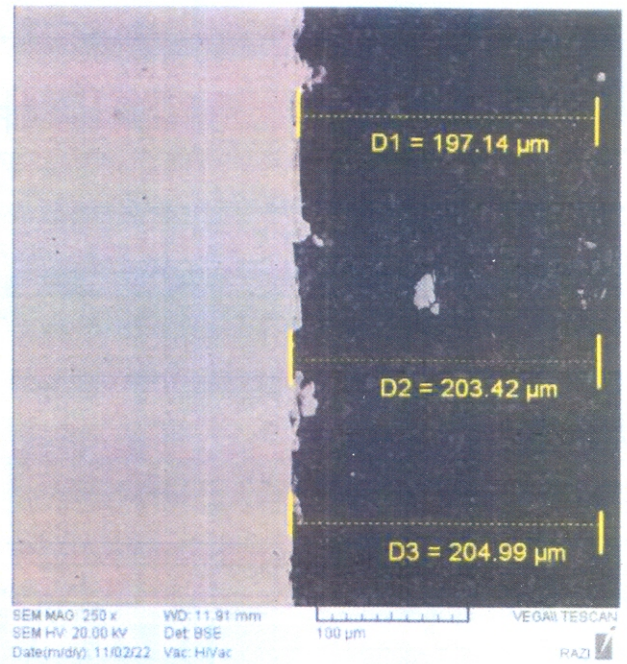
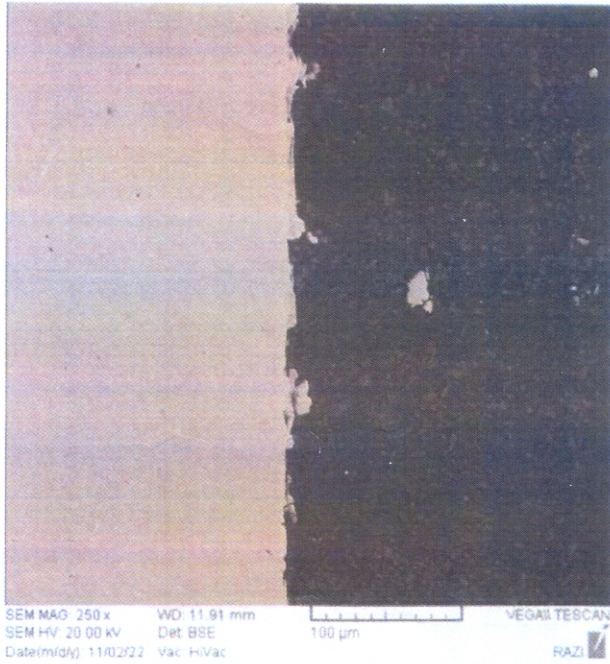
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SIDE 1



SIDE 2

