



 <b>ÜMRAN</b> ÇELİK BORU SAN. A.Ş.	<b>MILL TEST CERTIFICATE</b> INSPECTION CERTIFICATE MUAYENE SERTİFİKASI (EN 10204 - 3.1)		Date / Tarih : 24.10.2022 No / No : 2022/710-01 Rev. / Rev : 0 Page / Sayfa : 2 of 2															
	CLIENT / MÜŞTERİ SC VALRO TRADE INDUSTRIAL PIPES&TUBES SIZE & QUALITY / EBAT & KALİTE 508 x 8 mm P265GH TC1 SPECIFICATION ÜRETİM STANDARTI	NON DESTRUCTIVE TESTS / TAHRİBATSIZ MUAYENELER <table border="1"> <thead> <tr> <th>Frequency / Frekans</th> <th>Scope / Kapsam</th> <th>Result / Sonuç</th> </tr> </thead> <tbody> <tr> <td>UT : 100%</td> <td>Weld Seam Kaynak Dikİşİ</td> <td>Satisfactory / Uygun</td> </tr> <tr> <td>UT : 100%</td> <td>Pipe Body / Lamination Boru Gvdesi / Laminasyon</td> <td>Satisfactory / Uygun</td> </tr> <tr> <td>RT : 100%</td> <td>Pipe Ends / Repair Welds Boru Uçları / Tamir Kaynakları</td> <td>Satisfactory / Uygun</td> </tr> <tr> <td>VT : 100%</td> <td>Base Material, Weld Seam Ana Malzeme, Kaynak Dikİşİ</td> <td>Satisfactory / Uygun</td> </tr> </tbody> </table>		Frequency / Frekans	Scope / Kapsam	Result / Sonuç	UT : 100%	Weld Seam Kaynak Dikİşİ	Satisfactory / Uygun	UT : 100%	Pipe Body / Lamination Boru Gvdesi / Laminasyon	Satisfactory / Uygun	RT : 100%	Pipe Ends / Repair Welds Boru Uçları / Tamir Kaynakları	Satisfactory / Uygun	VT : 100%	Base Material, Weld Seam Ana Malzeme, Kaynak Dikİşİ	Satisfactory / Uygun
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EW SAWH SAWL KAPLAMA	EN 10217-5 COATING / KAPLAMA PE NA EX NA	FLATTENING TEST / YASSILTMA TESTİ 1/2 2/3 1/1 Metal / Malzeme Weld / Kaynak Frequency / Frekans Each Coil / Her Bant	Pressure / Basınç - bar / bar Duration / Süre - second / saniye															

MECHANICAL TESTS / MEKANİK TESTLER																			
Lot No Parti No	Heat No Şarj No	Pipe No Boru No	Tensile Test Çekme Testi						Hardness Sertlik			Bend Test Eğme Testi	DWTT ADYT	Charpy Impact Test Çentik Darbe Testi					
			MPa			%			HV 10 (Avg.)					Temperature / Sıcaklık : 0°C Specimen / Numune : 1/1 spec. J (Full Size Equivalent)					
			1	2	3	1	2	3	1	2	3			4	1	2	3	Avg./Ort.	
			Rp0.2	Rm	A2	Metal Malzeme	HAZ IEB	Weld Kaynak	1	2	3			4	1	2	3	4	
1	903414	22 SD/21903 22 SD/21946	P	T	B	355	473	34						V	T	107	124	138	123
2	903414	22 SD/21947 22 SD/21989	P	T	B	387	501	35						V	T	142	109	127	126

STANDARD / STANDART	Min. / En az	265	410	23	Jig Dia. Mandrel Çapı	Full Size / Tam Ebat	Ind. / Tek	B 40
	Max. / En çok	570					Avg. / Ort.	B 40

1) Location / Numune Yeri P: Pipe / Boru C: Coil / Bant	2) Orientation / Yön T: Transverse / Enine L: Longitudinal / Boyuna D: Diagonal / Diagonal	3) Location / Numune Yeri B: Base Metal / Ana Malzeme W: Weld / Kaynak H: Haz / Haz	4) Bend Test / Eğme Testi F: Face Bend / Yüz Bükme R: Root Bend / Kök Bükme S: Side Bend / Yan Bükme	5) Notch Type / Çentik Tipi V: V Notch / V Çentik U: U Notch / U Çentik
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We certify that all pipes have been manufactured and tested according to order.  
Bütün boruların siparişe uygun olduğunu belgeleriz.

Approved by / Onaylayan  
Quality Chief / Kalite Şefi  
Onur EREN

