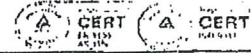




INSPECTION CERTIFICATE № 10.4212

EN 10204 - 3.1



Consigner: KAMENSK URALSKY METALLURGICAL WORKS JOINT STOCK COMPANY
 6, Zavodskaya Str., Kamensk Uralskiy, Sverdlovsk Region, 623406, Russia Tel: (3439) 39 52 22 Fax: (3439) 39 50 68

Consignee: AMCO Metall Service GmbH
 Quantity:
 Net Weight, kg.:

Contract number: Z4366-S
 Article number: 71141.00
 Specification No: Z4366
 Lot No: 1
 Package No: 383925

Description of Goods: Round bars
 Grade of Product: d50
 Dimensions, inch/mm: 3000
 Requirements on the Products:
 Material conforms to quality of alloy: S083 H112
 Product conforms to all requirements of: EN573-3/EN755-1,2,3

Mechanical Properties

The Condition of Tested Standards	Lot Number	Cast Number	Number of Tests	Tensile Strength		Yield Strength (0,2% offset)		Elongation, %		Hardness, HB
				MPa	MPa	MPa	MPa	min	max	
Required				min	max	min	max	min	max	
	73077	26-4028	1	270.0	-	125.0	-	10.0	-	-
				350.0	350.0	257.0	257.0	15.0	15.0	

Chemical Composition, %

Element	Silicon Si	Iron Fe	Copper Cu	Manganese Mn	Magnesium Mg	Chromium Cr	Nickel Ni	Zinc Zn	Titanium Ti	Zirconium Zr
Required	0.4	0.4	0.1	0.4-1.0	4.0-4.9	0.05-0.25	-	0.25	0.16	-
Contents	0.08	0.15	0.03	0.62	4.5	0.06	-	0.03	0.06	-

Element	Ti+Zr	Na	Tin Sn	Bismuth Bi	Plumbum Pb	Mn+Cr	Ca	Other Elements		Al
								Each	Total	
Required	-	-	-	-	-	-	-	0.05	0.15	remainder
Contents	-	-	-	-	-	-	-	0.05	0.15	remainder

Other Tests

Method	Macro-structure	Micro-structure	USI	Electro-conductivity	Contents H2 of metals cm3/100gr
Result	-	-	-	-	-

On behalf: KUMZ, JSC.
 Date: 05.02.10
 Inspector: N.A. Hmylnina
 Inspection Department engineer: N.V. Alekhina

