

MARK WETERHOF C 903RV



Certificate of Conformance

SMD Hydrovision Limited
Turbinia Works
Davy Bank
Wallsend
Tyne & Wear

Serial No: 013857

Our Delivery Note No: 062231

Date: 22/11/2007

Your Order Number: 58461

NE28 6UZ

EXACT

JOB NO.

QUANTITY

DESCRIPTION/DRAWING/CAST

X 056137	--	1	off	Tube Pressure Vessel 4000M		
				AB6391	Issue	0
				Cast No	23-4416	

We hereby certify that the above mentioned goods/services supplied conform with the requirements of the above Purchase Order, designated drawings and relevant specifications; unless otherwise stated.

Details of any Concessions:

Mr Craig Paul

Inspector

Signed for and behalf of Exact Engineering Limited

EXACT ENGINEERING (THOMPSON) LIMITED

KINGSWAY SOUTH, TEAM VALLEY TRADING ESTATE, GATESHEAD, TYNE & WEAR, NE11 0JS ENGLAND.

TEL. 0191 482 6622 FAX. 0191 482 1602

VAT NO. (GB) 334 6998 16

REG. IN ENGLAND NO. 186 3369



X056137



INSPECTION CERTIFICATE № 07.13822

EN 10204 - 3.1



Consigner: KAMENSK URALSKY METALLURGICAL WORKS JOINT STOCK COMPANY
5, Zavodskaya Str., Kamensk Ural'sky, Sverdlovsk Region, 623405, Russia Tel: (3439) 39 52 22 Fax: (3439) 39 50 83

Consignee:		Quantity: 4
Contract number: Z8446-S 11440		Net Weight, kg.: 3096
Article number: -		Specification №: Z8446 Lot №: 6 Package №: 466531, 466532
Description of Goods: Round bars		Requirements on the Products:
Grade of Product	Dimensions, inch/mm	Material conforms to quality of alloy: 7075 T6
d340	3000	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				
				min	max	min	max	min	max	
Required				-	-	-	-	-	-	-
-	7634	23-4416	2	564.0	583.0	491.0	526.0	8.0	11.0	-

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	0.5	1.2-2.0	0.3	2.1-2.9	0.18-0.28	-	5.1-6.1	0.2	-
Contents	0.03	0.3	1.4	0.01	2.4	0.21	-	5.5	0.09	-

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	-	-	ok	-	-	MIL-STD-2154 USI CLASS "A" - 100%

On behalf:

KUMW, JSC.

Shipping Date:

14.04.07

Inspector:

T.A. Popova

Inspection Department engineer

EXACT ENGINEERING
CERTIFIED TRUE COPYSIGNED: *C. Rogers*

DATE: 17.10.07

Geliefert durch K&K, Lilienthal

An: Metallast

Kom.-Nr.: 105565

Verladedatum: 11.10.2007

Order-Nr.: 70933

Material wurde mit WAZ verglichen.

Original ist in unseren Händen.