Customer: ALPINE GROUP (1974) LIMITED
Load Number: S3991/87763/IP
Customer Order Number: G757208
Advice Number:
Material Code: HF CIRCULAR SECTION 88.9 X 4.0
Certificate Number: 0014040
Cast Number: 7T23119
Invoice Number:

Barrett Constructional Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

BARRETT Constructional Steel

This is a True Copy of Original Test Certificate: - 0014040 - Page: 1 of 1

A04

TATA

Tata Steel UK Limited
Corby Works
PO Box 101
Corby Northants NN17 5UA
A01
Telephone: + 44 (0) 1536 402121
Fax: + 44 (0) 1536 404111

INSPECTION CERTIFICATE
EN10204 Type 3.1

A02 14040

Page No. 1 of 1

Date 02/06/16 Z02
Cert No. 120/1622/0565 A03
Del. Note CW /0037

Customer A06

TUBES (UK) NORTH

BRIGG ROAD
SCUNTHORPE
NORTH LINCS
DN16 1BB

CE 0038

Quality Management System Approved to ISO 9001

Tata Steel Ref.No. Sales BZB 362502 Works 11 12228 A08

Customer Order No. P/O: Z001737 OF 30/MAR/16 A07

Product Description B01-B04

CELSIUS HOT FINISHED WELDED STEEL CIRCULAR HOLLOW SECTIONS TO EN 10210 : 2006 GRADE S355NH AND DUAL CERTIFIED WITH S355J2H INCLUDING OPTIONS 1.2, 1.4 + 1.5. SILICON CONTENT 0.15-0.25%. CARBON EQUIVALENT 0.43 MAX. SURFACE CONDITION IN ACCORDANCE WITH EN10163-3 CLASS D SUB-CLASS 3.

FPC CERTIFICATE NUMBER 0038/CPR/LRQ0840080/B
DURABILITY: NO PERFORMANCE DETERMINED - SUBJECT TO FINAL COATING

NORMALISED ROLLED
MADE IN UK

L=Longitudinal T=Transverse B=Body W=Weld HAZ=Heat Affected Zone S=Stripped Section F=Full Section KV=Charpy - V HV=Hardness Vickers(10Kg Load) HR=Hardness Rockwell B

Item No.	B08 Number of Pieces	B09-B12 Product Dimensions (mm)	B07 Cast/Heat No.	B07 Bundle no.	Tensile Test C01 C02 C10	C11 Yield Stress Re (N/mm²)	C12 Tensile Strength Rm (N/mm²)	C13 Elong A 5.65 (%)	Impact/Hardness Tests C01 C02	C40 C30 Test Type	C41 Width (mm)	C03 Temp (C)	C42 C31 Values (J)	C43 C32 Ave (J)	Steel Making Process C70 / Other Tests C50-C69 D02-D99
5	34	EOCSH088.904.0H 88.90 x 4.00 x 7.600M = 258.40M	7T23119	11558158 11558159	B L S	472.0	565.0	28							BASIC OXYGEN STEEL WELD SEAM 100% EDDY CURRENT TESTED TO EN 10246-3 FLATTENING TEST FOR SEAM WELD QUALITY CONTROL, SATISFACTORY
		END OF ITEM													
		END OF CERT													

C71-C99 Analysis %	C	Si	Mn	P	S	Cr	Mo	Ni	Al	B	Cu	N	Nb	Sn	Ti	V	CEV
Cast No.																	
7T23119 LADLE	0.15	0.18	1.43	0.018	0.009	0.036	0.002	0.026	0.027	0.0002	0.020	0.003	0.001	0.006	0.001	0.003	0.40

Code Numbers in accordance with EN 10168 (see overleaf).
Alterations to this document or its use for other products shall be regarded as falsification of documents and be subject to criminal jurisdiction.

Z01 The products covered by this inspection document are certified by Tata Steel UK Limited and comply with the requirements of the Product Description.

Compliance with European Directives - The CE mark shown in Corby Works inspection documents is in accordance with the Construction Products Regulation 305/2011/EU applicable to harmonized standards EN 10210, EN 10219 & EN 10255 only.
Corby Works Quality System complies with the Pressure Equipment Directive (PED) 97/23/EC Annex I Para. 4.3.
Note for end users - only tubes in accordance with EN 10217 have a presumption of conformity with the PED.

Company Registration No. 02280000.

S.M.Jeffrey
Quality Manager
Z02 A05

This document has been prepared by a computer system and is valid without signature.

Material: HF CIRCULAR SECTION 88.9 X 4.0 - Certificate: 0014040 - Cast: 7T23119

ALPINE GROUP (1974) LIMITED
Customer:
Load Number: S3991/87763/IP
Customer Order Number: G757208
Advice Number:
Material Code: HF CIRCULAR SECTION 88.9 X 4.0
Certificate Number: 0013598
Cast Number: 7T22820
Invoice Number:

Barrett Constructional Steel Limited
282 Cutler Heights Lane
Dudley Hill
Bradford
West Yorkshire, BD4 9HU
Tel: 01724 290950 Fax: 01724 290966
www.barrettsteel.com

This is a True Copy of Original Test Certificate: - 0013598 - Page: 1 of 1

A04

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INSPECTION CERTIFICATE
EN10204 Type 3.1

A02 Page No. 1 of 1

Date	04/05/16 Z02
Cert No.	120/1618/0450 A03
Del. Note	CW /0028

Customer A06

TUBES (UK) NORTH

BRIGG ROAD
SCUNTHORPE
NORTH LINCS
DN16 1BB

CE
0038

Quality Management System Approved to ISO 9001

Tata Steel Ref.No. Sales	BZB 360994	Works	11 11929 A08
Customer Order No.	P/O: Z001629		OF 04/FEB/16 A07

Product Description B01-B04

CELSIUS HOT FINISHED WELDED STEEL CIRCULAR HOLLOW SECTIONS TO EN 10210 : 2006 GRADE S355NH AND DUAL CERTIFIED WITH S355J2H INCLUDING OPTIONS 1.2, 1.4 + 1.5. SILICON CONTENT 0.15-0.25%. CARBON EQUIVALENT 0.43 MAX. SURFACE CONDITION IN ACCORDANCE WITH EN10163-3 CLASS D SUB-CLASS 3.

FPC CERTIFICATE NUMBER 0038/CPR/LRQ0840080/B
DURABILITY: NO PERFORMANCE DETERMINED - SUBJECT TO FINAL COATING

NORMALISED ROLLED
MADE IN UK

L=Longitudinal T=Transverse B=Body W=Weld HAZ=Heat Affected Zone S=Stripped Section F=Full Section KV=Charpy - V HV=Hardness Vickers(10Kg Load) HR=Hardness Rockwell B

Item No.	B08 Number of Pieces	B09-B12 Product Dimensions (mm)	B07 Cast/Heat No.	B07 Bundle no.	Tensile Test C01 C02 C10	C11 Yield Stress Re (N/mm²)	C12 Tensile Strength Rm (N/mm²)	C13 Elong A 5.65 (%)	Impact/Hardness Tests C01 C02	C40 C30 Test Type	C41 Width (mm)	C03 Temp (C)	C42 C31 Values (J)	C43 C32 Ave (J)	Steel Making Process C70 / Other Tests C50-C69 D02-D99
8	57	EOCSH088.904.0H 88.90 x 4.00 x 12.100M = 689.70M	7T22820	11557133 11557134 11557135	B L S	380.0	507.0	35							BASIC OXYGEN STEEL WELD SEAM 100% EDDY CURRENT TESTED TO EN 10246-3 FLATTENING TEST FOR SEAM WELD QUALITY CONTROL, SATISFACTORY
x x	x x x	x x x x x x x x x x x x	x x x x	x x x x x	x x x	END OF ITEM			x x x	x x x x	x x x	x x	x x x	x x x	x x x x x x x x x x x x x x x x x x x x
x x	x x x	x x x x x x x x x x x x	x x x x	x x x x x	x x x	END OF CERT			x x x	x x x x	x x x	x x	x x x	x x x	x x x x x x x x x x x x x x x x x x x x

C71-C99 Analysis % / Cast No.	C	Si	Mn	P	S	Cr	Mo	Ni	Al	B	Cu	N	Nb	Sn	Ti	V	CEV
7T22820 LADLE	0.14	0.17	1.44	0.016	0.008	0.029	0.002	0.018	0.039	0.0002	0.020	0.004	0.001	0.009	0.002	0.004	0.39

Code Numbers in accordance with EN 10168 (see overleaf).
Alterations to this document or its use for other products shall be regarded as falsification of documents and be subject to criminal jurisdiction.

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Compliance with European Directives - The CE mark shown in Corby Works inspection documents is in accordance with the Construction Products Regulation 305/2011/EU applicable to harmonized standards EN 10210, EN 10219 & EN 10255 only.
Corby Works Quality System complies with the Pressure Equipment Directive (PED) 97/23/EC Annex I Para. 4.3.
Note for end users - only tubes in accordance with EN 10217 have a presumption of conformity with the PED.

Company Registration No. 02280000.

S.M.Jeffrey
Quality Manager
Z02 A05

This document has been prepared by a computer system and is valid without signature.

Material: HF CIRCULAR SECTION 88.9 X 4.0 - Certificate: 0013598 - Cast: 7T22820