Customer: ALPINE GROUP (1974) LIMITED
Load Number:
Customer Order Number: S3991/87762/IP
Advice Number: G756185

Material Code: HF CIRCULAR SECTION 88.9 X 4.0
Certificate Number: 0012901
Cast Number: 7T20077
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

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Tata Steel UK Limited
Corby Works
PO Box 101
Corby Northants NN17 5UA

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Telephone: + 44 (0) 1536 402121
Fax: + 44 (0) 1536 404111

INSPECTION CERTIFICATE
EN10204 Type 3.1 12901

A02 Page No. 1 of 1

Date	26/02/16 Z02
Cert No.	120/1608/1288 A03
Del. Note	CW /0453

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 360006 Works 11 11677 A08

Customer Order No. P/O: Z001589 OF 21/DEC/15 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
9	72	EOCSH088.904.0H 88.90 x 4.00 x 7.600M = 547.20M	7T20077	11554265	B	477.0	552.0	34							BASIC OXYGEN STEEL
				11554266	L										WELD SEAM 100% EDDY CURRENT TESTED TO EN 10246-3
				11554296	S										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 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 x

C71-C99 Analysis % / Cast No.	C	Si	Mn	P	S	Cr	Mo	Ni	Al	B	Cu	N	Nb	Sn	Ti	V	CEV
7T20077 LADLE	0.15	0.20	1.38	0.015	0.007	0.018	0.001	0.006	0.032	0.0002	0.010	0.007	0.001	0.001	0.002	0.001	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.

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: 0012901 - Cast: 7T20077

ALPINE GROUP (1974) LIMITED
Customer:
Load Number: S3991/87762/IP
Customer Order Number: G756185
Advice Number:
Material Code: HF CIRCULAR SECTION 88.9 X 4.0
Certificate Number: 0013657
Cast Number: 7T22819
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

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Corby Works
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Corby Northants NN17 5UA

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Telephone: + 44 (0) 1536 402121
Fax: + 44 (0) 1536 404111

INSPECTION CERTIFICATE
EN10204 Type 3.1 13657

A02 Page No. 1 of 1

Date	09/05/16 Z02
Cert No.	120/1619/0084 A03
Del. Note	CW /0093

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
5	14	EOCSH088.904.0H 88.90 x 4.00 x 7.600M = 106.40M	7T22819	11557223	B L S	380.0	507.0	35							BASIC OXYGEN STEEL C50-C69 D02-D99 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	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	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

C71-C99 Analysis %	C	Si	Mn	P	S	Cr	Mo	Ni	Al	B	Cu	N	Nb	Sn	Ti	V	CEV
Cast No.																	
7T22819 LADLE	0.15	0.18	1.40	0.009	0.009	0.021	0.001	0.017	0.041	0.0002	0.019	0.005	0.001	0.008	0.002	0.001	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.

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.

Z01 The products covered by this inspection document are certified by Tata Steel UK Limited and comply with the requirements of the Product Description. 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: 0013657 - Cast: 7T22819

ALPINE GROUP (1974) LIMITED
Customer:
Load Number: S3991/87762/IP
Customer Order Number: G756185
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

BARRETT Constructional Steel

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A04

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PO Box 101
Corby Northants NN17 5UA

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Fax: + 44 (0) 1536 404111

INSPECTION CERTIFICATE
EN10204 Type 3.1 135918

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.

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: 0013598 - Cast: 7T22820

ALPINE GROUP (1974) LIMITED
Customer:
Load Number: S3991/87762/IP
Customer Order Number: G756185
Advice Number:
Material Code: HF CIRCULAR SECTION 114.3 X 3.6
Certificate Number: 0013627
Cast Number: 7T21257
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

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A04

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Corby Works
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Fax: + 44 (0) 1536 404111

INSPECTION CERTIFICATE
EN10204 Type 3.1 13627

A02

Page No. 1 of 1

Date 07/05/16 Z02
Cert No. 120/1618/1120 A03
Del. Note CW /0081

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. A08
Sales BZB 361970 Works 11 12164

Customer Order No. P/O: Z001699 OF 09/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 / C50-C69 D02-D99
12	7	EOCSH114.303.6H 114.30 x 3.60 x 14.600M = 102.20M	7T21257	11556864	B L S	417.0	537.0	37							BASIC OXYGEN STEEL Other Tests 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 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 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 x x

C71-C99 Analysis %	C	Si	Mn	P	S	Cr	Mo	Ni	Al	B	Cu	N	Nb	Sn	Ti	V	CEV
Cast No.																	
7T21257 LADLE	0.14	0.19	1.39	0.017	0.006	0.016	0.001	0.017	0.037	0.0002	0.009	0.006	0.001	0.004	0.001	0.002	0.38

Code Numbers in accordance with EN 10168 (see overleaf).
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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.

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

Company Registration No. 02280000.

S.M.Jeffrey
Quality Manager
Z02 A05

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Material: HF CIRCULAR SECTION 114.3 X 3.6 - Certificate: 0013627 - Cast: 7T21257