ALPINE GROUP (1974) LIMITED
Customer:
Load Number: S3991/87421/IP
Customer Order Number: G751628
Advice Number:
Material Code: HF CIRCULAR SECTION 114.3 X 3.6
Certificate Number: 0012293
Cast Number: 7T18286
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: - 0012293 - 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 12293

A02 Page No. 1 of 1

Date	18/12/15	Z02
Cert No.	120/1551/0908	A03
Del. Note	CW /0360	

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 358350 Works 11 11333 A08

Customer Order No. P/O: Z001514 OF 16/OCT/15 A07

Product Description B01-B04

CELSIUS HOT FINISHED WELDED STEEL CIRCULAR HOLLOW SECTIONS TO EN 10210 : 2006 GRADE S355J2H AND DUAL CERTIFIED WITH S355NH .

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
11	26	EOCSH114.303.6H 114.30 x 3.60 x 14.600M = 379.60M x x x x x x x x	7T18286	11551560 11551562	B L S	445.0	544.0	33							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

ALPINE GROUP (1974) LIMITED
Customer:
Load Number: S3991/87421/IP
Customer Order Number: G751628
Advice Number:
Material Code: HF CIRCULAR SECTION 114.3 X 3.6
Certificate Number: 0012292
Cast Number: 7T18286
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: - 0012292 - Page: 1 of 1

A04

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 12292

Page No. 1 of 1

Date	18/12/15 Z02
Cert No.	120/1551/0907 A03
Del. Note	CW /0360

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 357426 Works 11 11132 A08

Customer Order No. P/O: Z001474 OF 14/SEP/15 A07

Product Description B01-B04

CELSIUS HOT FINISHED WELDED STEEL CIRCULAR HOLLOW SECTIONS TO EN 10210 : 2006 GRADE S355J2H AND DUAL CERTIFIED WITH S355NH .

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: BASIC OXYGEN STEEL; C50-C69 D02-D99 Other Tests
11	9	EOCSH114.303.6H 114.30 x 3.60 x 14.600M = 131.40M	7T18286	11551561	B L S	445.0	544.0	33							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.																	
7T18286 LADLE	0.15	0.20	1.41	0.014	0.011	0.015	0.001	0.014	0.036	0.0002	0.011	0.005	0.001	0.001	0.002	0.002	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.

S.M.Jeffrey
Quality Manager
Z02 A05

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.

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

Material: HF CIRCULAR SECTION 114.3 X 3.6 - Certificate: 0012292 - Cast: 7T18286

Customer: ALPINE GROUP (1974) LIMITED
Load Number:
Customer Order Number: S3991/87421/IP
Advice Number: G751628

Material Code: HF CIRCULAR SECTION 114.3 X 5.0
Certificate Number: 0011979
Cast Number: 7T16850
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: - 0011979 - 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 11979

A02 Page No. 1 of 1

Date 01/12/15 Z02
Cert No. 120/1549/0413 A03
Del. Note CW /0029

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 357033 Works 11 11028 A08

Customer Order No. P/O: Z001456/01 OF 27/AUG/15 A07

Product Description B01-B04

CELSIUS HOT FINISHED WELDED STEEL CIRCULAR HOLLOW SECTIONS TO EN 10210 : 2006 GRADE S355J2H AND DUAL CERTIFIED WITH S355NH .

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)	C70 Steel Making Process / C50-C69 D02-D99 Other Tests
11	20	EOCSH114.305.0H 114.30 x 5.00 x 14.600M = 292.00M	7T16850	11550597 11550598	B L S	418.0	536.0	33							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	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

C71-C99 Analysis %	C	Si	Mn	P	S	Cr	Mo	Ni	Al	B	Cu	N	Nb	Sn	Ti	V	CEV
Cast No.																	
7T16850 LADLE	0.16	0.21	1.44	0.015	0.009	0.018	0.002	0.017	0.036	0.0003	0.011	0.004	0.001	0.002	0.002	0.002	0.41

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 114.3 X 5.0 - Certificate: 0011979 - Cast: 7T16850

ALPINE GROUP (1974) LIMITED
Customer:
Load Number: S3991/87421/IP
Customer Order Number: G751628
Advice Number:

Material Code: HF CIRCULAR SECTION 114.3 X 5.0
Certificate Number: 0012130
Cast Number: 7T17588
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: - 0012130 - Page: 1 of 1

A04

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 12130

A02 Page No. 1 of 1

Date	09/12/15 Z02
Cert No.	120/1550/0520 A03
Del. Note	CW /0184

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 357033	Works	11 11028 A08
Customer Order No.	P/O: Z001456/01	OF 27/AUG/15	A07

Product Description B01-B04

CELSIUS HOT FINISHED WELDED STEEL CIRCULAR HOLLOW SECTIONS TO EN 10210 : 2006 GRADE S355J2H AND DUAL CERTIFIED WITH S355NH .

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
		EOCSH114.305.0H													BASIC OXYGEN STEEL C50-C69 D02-D99
10		114.30 x 5.00 x 12.100M = 242.00M													
	20	x x	7T17588	11550593 11550595	B L S	434.0	539.0	33							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	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	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

C71-C99 Analysis %	C	Si	Mn	P	S	Cr	Mo	Ni	Al	B	Cu	N	Nb	Sn	Ti	V	CEV
Cast No.																	
7T17588 LADLE	0.16	0.17	1.42	0.020	0.009	0.020	0.001	0.017	0.032	0.0002	0.014	0.005	0.001	0.002	0.001	0.005	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.

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.

S.M.Jeffrey
Quality Manager
Z02 A05

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.

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

Material: HF CIRCULAR SECTION 114.3 X 5.0 - Certificate: 0012130 - Cast: 7T17588