



27-29 Maxwell Road, Pooraka SA 5095
 PO Box 229, Para Hills SA 5096
 P: 08 8130 0600 F: 08 8130 0699
ABN 38 122 123 102
 www.ferrocut.com.au

WO # 43168

CART # F423352

GANT & SONS PTY. LTD.
 Toni Martin
 7 PALINA CT
 SMITHFIELD SA 5114

Reference
 3193 - Yatala -
 Services Enclosure

Customer Despatch

Despatch Date
 11-02-2020

Customer Order #
 21891

Our Contact
 Kathryn Ebert

Ph (08) 8284 Fax (08) 8284 5470

Delivery Instructions: Workshop closes @ 4pm

Despatched By:

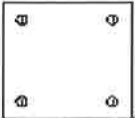


Quantity Checked

Name (please print)

Signature

Dated

Item # Part Number		This Delivery	Weight (kgs)	Description	Product
405864 F4003		13	3.5	Plate 83 x 83 as per drawing Laser cut	5MSL250
405865 F4004		4	1.4	Plate 94 x 94 as per drawing Laser cut	5MSL250
405868 F4007		16	20.4	Plate 160 x 130 as per drawing Plasma cut	8MS250
405869 F4008		4	9.1	Plate 228 x 219 as per drawing Plasma cut	8MS250
405870 F4009		4	8.3	Plate 234 x 204 as per drawing Plasma cut	8MS250
405871 F4010		4	8.6	Plate 234 x 212 as per drawing Plasma cut	8MS250
405872 F4011		4	8.9	Plate 234 x 210 as per drawing Plasma cut	8MS250
405862 F4001		1	0.8	Plate 114 x 100 as per drawing Plasma cut	10MS250
405863 F4002		1	0.9	Plate 109 x 110 as per drawing Plasma cut	10MS250

405867 F4006		6	40.3	Plate 270 x 270 as per drawing Plasma cut	12MS250
405866 F4005		4	38.6	Plate 280 x 280 as per drawing Plasma cut	16MS250
405873 F4012		7	62.8	Plate 270 x 270 as per drawing Plasma cut	16MS250

PACK INFO	Drums	Small Pallets	Large Pallets	Bags	Ties	Skids
Quantity	0.000	0.000	0.000	0.000	0.000	0.000
Location						

204					
Weight (kg)	Qty Received	Received By (print name)	Signature	Date	Our Manifest No.

Total Vehical Load (t) _____ Confirm Within Load Limits _____

Transport Chain of Responsibility - Regulatory Requirements

FERROCUT AUSTRALIA PTY LTD confirms this vehicle has been loaded safely in accordance with the current State Regulations on Transport Operations, and in compliance with the Load Restraint Guide (second edition 2004) NTC Australia and in satisfaction of the Guideline for Excess Dimension

Vehicle Driver confirms the load has been tied down in accordance with the current State Regulations on Transport Operations, and in compliance with the Load Restraint Guide (second edition 2004) NTC Australia and in satisfaction of the Guideline for Excess Dimension

DRIVERS FULL NAME _____ SIGNATURE _____

CONSIGNMENT NOTE # _____ TIME LEAVING PREMISES _____

TRANSPORT COMPANY _____ VEHICLE REG No _____

Material Allocation for Works Order #43168

Plate / Batch	Program #	Heat #	Unit #	Location
Item #	Part #	Qty	Weight	Description
Job # 423350 Plasma				
10MS250C3800 - 9000 x 2400		Cluster018618-1		PA63936201
405862	F4001	1	0.00	114 mm x 99 mm Plates of 10MS250
405863	F4002	1	0.00	110 mm x 109 mm Plates of 10MS250
Job # 423353 Laser				
5MSL250C2649 - 6000 x 1500		Cluster018669	6672339	1H9R7589
405864	F4003	13	0.00	83 mm x 83 mm Plates of 5MSL250
405865	F4004	4	0.00	94 mm x 94 mm Plates of 5MSL250
Job # 423355 Plasma				
16MS250C3823 - 9000 x 2400		Cluster018597-1	SB70880	PB33884302
405866	F4005	4	0.05	280 mm x 280 mm Plates of 16MS250
16MS250C3898 - 3710 x 2440		Cluster018597-3		MC071A2
405873	F4012	7	0.07	270 mm x 270 mm Plates of 16MS250
Job # 423357 Plasma				
12MS250C3812 - 4750 x 2400		Cluster018542	SF19779	PA63933403
405867	F4006	6	0.05	270 mm x 270 mm Plates of 12MS250
Job # 423361 Plasma				
8MS250C5087 - 5400 x 3000		Cluster018634-1	-	LY789A2
405868	F4007	16	0.03	160 mm x 130 mm Plates of 8MS250
405869	F4008	4	0.01	228 mm x 218 mm Plates of 8MS250
405870	F4009	4	0.01	233 mm x 203 mm Plates of 8MS250
405871	F4010	4	0.01	233 mm x 212 mm Plates of 8MS250
405872	F4011	4	0.01	233 mm x 210 mm Plates of 8MS250



Customer:	Supplier: BLUESCOPE STEEL (AIS) PTY LTD PORT KEMBLA, N.S.W., AUSTRALIA. A.B.N. 19 000 019 625
Cust Order No: 500206/F100990	Sales Order No: Y9018 Printed At: Supplier MWS on: 11/02/2020



Accredited for compliance with ISO/IEC 17025 - Testing.

I certify that the original records of the company show that the item(s) referred to on this certificate conform to the specification as stated.

R.MATHIESSEN - BLUESCOPE STEEL APPROVED SIGNATORY
Mechanical LAB 0631M.GATRICK - BLUESCOPE STEEL APPROVED SIGNATORY
Chemical LAB 0632
 STEELMAKING: Basic Oxygen - Slab Cast
 SPECIFICATION: AS/NZS 1594-HA250
 PRODUCT: TRU-SPEC COIL PLATE

 INSPECTION: Supplier
 CERTIFICATION: EN10204 3.1

CHEMICAL ANALYSIS

Percentage of element by mass (L=Cast, P=Product, -S=Soluble, -T=Total, CF=Chemical Formula, n=Min, x=Max)

Item No	Heat / Unit No	NATA Lab	L/P	C	P	Mn	Si	S	Ni	Cr	Mo	Cu	Al-T
0079	6672339	0632	L	.103	.017	.43	<.005	.017	.021	.039	.004	.047	.033
0083	6674699	0632	L	.105	.020	.43	<.005	.015	.013	.031	.004	.029	.030

Item No	Heat / Unit No	NATA Lab	L/P	Ti	B-T	N	Nb	Sn	V	CF1	CF2	CF3
0079	6672339	0632	L	<.002	.0004	.0047	.001	<.002	<.003	.19	.11	.00
0083	6674699	0632	L	<.002	<.0003	.0031	.001	<.002	<.003	.19	.08	.00

 $CF1=C+(MN/6) + ((CR+MO+V)/5) + ((CU+NI)/15)$
 $CF2=NI + CR + CU + MO$
 $CF3=NB + V$

MECHANICAL TESTING

Tensile AS 1391

Item No	Heat No	Tested Unit	NATA Lab	Cat	Loc	THICK mm	ReH MPa	Rm MPa	Lo mm	ELONGN %
0079	6672339	1H9R7589	0631	B	LQF	5.00	285	410	80	35
0079	6672339	1H9R7591	0631	B	LQF	5.00	300	410	80	38
0083	6674699	1H9S0119	0631	B	LQF	3.00	290	410	80	34
0083	6674699	1H9S0122	0631	B	LQF	3.00	305	420	80	35

ITEMS COVERED BY THIS CERTIFICATE

Item No	Heat No	Ordered Dimensions (mm)	No of Units	Mass (Tonnes)	Unit Identities
0079	6672339	1500.0X5.00X6000	2	7.772	1H9R758701 1H9R758901
0083	6674699	1500.0X3.00X6000	1	4.027	1H9S012202

COMMENTS

This test certificate is issued subject to the Uncertainty of Results statement set out on BlueScope Steel's Website www.bluescopesteelconnect.com. In order to rely upon this certificate, you must read the Uncertainty of Results statement.

SAMPLING AND CHEMICAL ANALYSIS ARE PERFORMED IN ACCORDANCE WITH BLUESCOPE STEEL PROCEDURE DH-LABS-QS-00 S05.07C. MECHANICAL TESTING HAS BEEN PERFORMED ON SAMPLES SUPPLIED BY THE RELEVANT PRODUCTION DEPARTMENTS. HEAT TREATMENT - PRODUCT AS ROLLED.

Quality management system conforms to AS/NZS ISO 9001 as assessed by BSI (Certificate Number FS 594448).

MECHANICAL COMMENTS

TEST PIECE LOCATION (LOC) LQF=Longitudinal Quarter Front End

TEST CATEGORY (CAT) B=Batch

Order No. : 01S3947907

PO No. : 166922/F101178

Supplier :

Commodity : PLATE

Customer

Spec & Type : AS/NZS3678-250L0 ACRS 190705-

Size	Product No.	Quantity	Weight (kg)	Heat No.	Position	Tensile Test		Impact Test V Notch +0°C Energy (Joule)	Division	Chemical Composition														
						YP (MPa)	TS (%)			EL (%)	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	B (ppm)	Cu (%)	Mo (%)	Nb (%)	Ti (%)	V (%)	Sol-Al (%)
16x2400x9000	PB33884301-4306	6	16,278	SB70880	T	328	466	31	L	0.1683	0.233	0.784	0.0117	0.0027	0.016	0.012	3	0.010	0.002	0.002	0.0023	0.002	0.031	
16x2400x9000	PA63931201-1202	2	5,426	SF19780	T	300	449	34	L	0.1477	0.237	0.759	0.0125	0.0055	0.025	0.010	3	0.014	0.002	0.002	0.0018	0.001	0.035	
	*** Sub Total (Q40) ***	8	21,704 (kg)																					
20x2400x9000	PB34006501-6505	5	16,955	SB70894	T	285	453	31	L	0.1578	0.255	0.790	0.0111	0.0027	0.030	0.011	3	0.009	0.003	0.001	0.0027	0.031	0.027	
20x2400x9000	PA63930601	1	3,391	SF19780	T	311	447	33	L	0.1477	0.237	0.759	0.0125	0.0055	0.025	0.010	3	0.014	0.002	0.002	0.0018	0.001	0.035	
20x2400x9000	PA63969901-9902	2	6,782	SF19780	T	311	447	33	L	0.1477	0.237	0.759	0.0125	0.0055	0.025	0.010	3	0.014	0.002	0.002	0.0018	0.001	0.035	
	*** Sub Total (050) ***	8	27,128 (kg)																					
	*** Lot Total ***	66	153,037 (kg)																					
	*** Grade Total ***	66	153,037 (kg)																					
	*** Grand Total ***	66	153,037 (kg)																					

CEQ (G) = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5

CEQ (G) = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5

CEQ (G) = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5

Lot No. ==> ACRS 190705

Position - T : Top, M : Middle, B : Bottom
Tensile Test, Direction : Transversal, Gauge Length : 5.65 √A₀ (Rectangular),
YP Method : Upper Point
Impact Test, Direction : 1/4T Longitudinal, Full-Size : 10mmX10mm
Division - L : Ladle Analysis
Supply Condition : As-Rolled unless otherwise Heat Treated.

We hereby certify that the material herein has been made in accordance with the order and above specification.
This material has been fully killed and made by basic oxygen process.
This Certificate is issued according to EN10204 3.1.
Melted and Manufactured in Republic of Korea
POSCO Korea operates a quality management system conforming to ISO 9001 as assessed by LRQA (Korea) Ltd.
(Certificate No : SEO2928304)

Legal sanction can be imposed on forging. Improper use of product can cause safety issues.

Surveyor To :



Customer: Cust Order No: 9170/F101188	Supplier: BLUESCOPE STEEL (AIS) PTY LTD PORT KEMBLA, N.S.W., AUSTRALIA. A.B.N. 19 000 019 625 Sales Order No: Y9017 Printed At: Supplier MWS on: 29/01/2020
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<p>Accredited for compliance with ISO/IEC 17025 - Testing.</p>	<p>I certify that the original records of the company show that the item(s) referred to on this certificate conform to the specification as stated.</p> <p>R.MATHIESSEN - BLUESCOPE STEEL APPROVED SIGNATORY Mechanical LAB 0631 M.GATRICK - BLUESCOPE STEEL APPROVED SIGNATORY Chemical LAB 0632</p>
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STEELMAKING: Basic Oxygen - Slab Cast
SPECIFICATION: AS/NZS 3678-250
PRODUCT: XLERPLATE

INSPECTION: Supplier
CERTIFICATION: EN10204 3.1

CHEMICAL ANALYSIS

Percentage of element by mass (L=Cast, P=Product, -S=Soluble, -T=Total, CF=Chemical Formula, n=Min, x=Max)

Item No	Heat / Unit No	NATA Lab	L/P	C	P	Mn	Si	S	Ni	Cr	Mo	Cu	Al-T
0189	6688219	0632	L	.148	.024	.64	.13	.015	.016	.033	.004	.043	.032

Item No	Heat / Unit No	NATA Lab	L/P	Ti	B-T	Nb	V	CF1	CF2	CF3
0189	6688219	0632	L	<.002	<.0003	.001	<.003	.27	.10	.00

CF1=C+ (MN/6) + ((CR+MO+V)/5) + ((CU+NI)/15) CF2=NI + CR + CU + MO CF3=NB + V

MECHANICAL TESTING

Tensile AS 1391

Item No	Heat No	Tested Unit	NATA Lab	Cat	Loc	THICK mm	ReH MPa	Rm MPa	Lo	ELONGN %
0189	6688219	MD612	0631	B	TQF	16.00	310	440	A	36

ITEMS COVERED BY THIS CERTIFICATE

Item No	Heat No	Ordered Dimensions (mm)	No of Units	Mass (Tonnes)	Unit Identities
0189	6688219	2400.0X16.00X9000	4	10.852	MC071A1 MC071A2 MC071B1 MC072B1

COMMENTS

This test certificate is issued subject to the Uncertainty of Results statement set out on BlueScope Steel's Website www.bluescopesteelconnect.com. In order to rely upon this certificate, you must read the Uncertainty of Results statement. THIS PRODUCT IS SUPPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF AS/NZS 3678:2016. SAMPLING AND CHEMICAL ANALYSIS ARE PERFORMED IN ACCORDANCE WITH BLUESCOPE STEEL PROCEDURE DH-LABS-QS-00 S05.07C. MECHANICAL TESTING HAS BEEN PERFORMED ON SAMPLES SUPPLIED BY THE RELEVANT PRODUCTION DEPARTMENTS. HEAT TREATMENT - PRODUCT AS ROLLED. Quality management system conforms to AS/NZS ISO 9001 as assessed by BSI (Certificate Number FS 594448).

MECHANICAL COMMENTS

TEST PIECE LOCATION (LOC) TQF=Transverse Quarter Front End
TEST CATEGORY (CAT) B=Batch
GAUGE LENGTH (Lo) A=5.65 * square root of the original cross-sectional area of the test piece.

Order No. : 01S3947907

PO No. : 166922/F101178

Supplier :

Commodity : PLATE

Customer

Spec & Type : AS/NZS3678-250L0 ACRS 190705

Size	Product No.	Quantity	Weight (kg)	Heat No.	Position	Tensile Test		Impact Test V Notch +0°C Energy (Joule)	Division	Chemical Composition													
						YP (MPa)	TS (MPa)			EL (%)	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	B (ppm)	Cu (%)	Mo (%)	Nb (%)	Ti (%)	V (%)
12x2400x9000	PA63933401-3403	3	6,105	SF19779	T	307	457	30	L	0.1520	0.261	0.763	0.0097	0.0079	0.016	0.011	2	0.010	0.002	0.001	0.0012	0.001	0.034
12x2400x9000	PA63933501-3503	3	6,105	SF19779	T	307	457	30	L	0.1520	0.261	0.763	0.0097	0.0079	0.016	0.011	2	0.010	0.002	0.001	0.0012	0.001	0.034
12x2400x9000	PA63933301-3303	3	6,105	SF19779	T	304	456	34	L	0.1520	0.261	0.763	0.0097	0.0079	0.016	0.011	2	0.010	0.002	0.001	0.0012	0.001	0.034
12x2400x9000	PA63971501-1503	3	6,105	SF19780	T	359	464	34	L	0.1477	0.237	0.759	0.0125	0.0055	0.025	0.010	3	0.014	0.002	0.002	0.0018	0.001	0.035
12x2400x9000	PA63971501-1603	3	6,105	SF19780	T	359	464	34	L	0.1477	0.237	0.759	0.0125	0.0055	0.025	0.010	3	0.014	0.002	0.002	0.0018	0.001	0.035
*** Sub Total (Q30) ***		15	30,525 (kg)																				

CEQ (G) = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5

* Position - T : Top, M : Middle, B : Bottom
* Tensile Test Direction : Transversal, Gauge Length : 5.65 √A_s (Rectangular), Yp Method : Upper Point
* Impact Test Direction : 1/4T Longitudinal, Full-Size : 10mmX10mm
* Division - L : Ladle Analysis
* Supply Condition : As-Rolled unless otherwise Heat Treated.

We hereby certify that the material herein has been made in accordance with the order and above specification. This material has been fully killed and made by basic oxygen process. Test Certificate is issued according to EN10204 3.1. Melted and Manufactured in Republic of Korea POSCO Korea operates a quality management system conforming to ISO 9001 as assessed by LRQA (Korea) Ltd. (Certificate No : SE02928304)

Legal sanction can be imposed on forging. Improper use of product can cause safety issues.

Surveyor To :



Customer:	Supplier: BLUESCOPE STEEL (AIS) PTY LTD PORT KEMBLA, N.S.W., AUSTRALIA, A.B.N. 19 000 019 625
Cust Order No: 8981	Sales Order No: Y9017 Printed At: Supplier MWS on: 17/01/2020

<p>Accredited for compliance with ISO/IEC 17025 - Testing.</p>	I certify that the original records of the company show that the item(s) referred to on this certificate conform to the specification as stated.
	R.MATHIESSEN - BLUESCOPE STEEL APPROVED SIGNATORY Mechanical LAB 0631 M.GATRICK - BLUESCOPE STEEL APPROVED SIGNATORY Chemical LAB 0632

STEELMAKING: Basic Oxygen - Slab Cast
SPECIFICATION: AS/NZS 3678-250
PRODUCT: XLERPLATE

INSPECTION: Supplier
CERTIFICATION: EN10204 3.1

CHEMICAL ANALYSIS

Percentage of element by mass (L=Cast, P=Product, -S=Soluble, -T=Total, CF=Chemical Formula, n=Min, x=Max)

Item No	Heat / Unit No	NATA Lab	L/P	C	P	Mn	Si	S	Ni	Cr	Mo	Cu	Al-T
0146	7700349	0632	L	.169	.016	.66	.15	.014	.015	.032	.004	.049	.030

Item No	Heat / Unit No	NATA Lab	L/P	Ti	B-T	Nb	V	CF1	CF2	CF3
0146	7700349	0632	L	<.002	.0004	.001	<.003	.29	.10	.00

CF1=C+ (MN/6) + ((CR+MO+V)/5) + ((CU+NI)/15) CF2=NI + CR + CU + MO CF3=NB + V

MECHANICAL TESTING

Tensile AS 1391

Item No	Heat No	Tested Unit	NATA Lab	Cat	Loc	THICK mm	ReH MPa	Rm MPa	Lo	ELONGN %
0146	7700349	LX806	0631	B	TQF	8.00	370	470	A	30
0146	7700349	LX807	0631	B	TQF	8.00	410	490	A	28

ITEMS COVERED BY THIS CERTIFICATE

Item No	Heat No	Ordered Dimensions (mm)	No of Units	Mass (Tonnes)	Unit Identities
0146	7700349	3000.0X8.00X9000	7	11.872	LX820B1 LY788A1 LY788A2 LY788B1 LY789A1 LY789A2 LY789B1

COMMENTS

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MECHANICAL COMMENTS

TEST PIECE LOCATION (LOC) TQF=Transverse Quarter Front End
TEST CATEGORY (CAT) B=Batch
GAUGE LENGTH (Lo) A=5.65 * square root of the original cross-sectional area of the test piece.