390093

LIBERTY STEEL

LIBERTY MERCHANT BAR Plc

Liberty House, PO Box 15, Scunthorpe, North Lincolnshire, DN16 1XL

CERTIFICATE OF TEST

Date :23/05/18

In accordance with EN10204 3.1

CUSTOMER

ARCELORMITTAL DISTRIBUTION SOLUTIONS UK
LONG PRODUCTS LTD

SOUTH PARK ROAD
SOUTH PARK INDUSTRIAL ESTATE
SCUNTHORPE
DN172BY

INSPECTION

Supplied in the as-rolled condition

LMB No. 513227 ADVICE 75341 CUST No. 61137

SPECIFICATION
EN10025-2 S275JR +AR

HOT ROLLED STRUCTURAL STEEL PRODUCT SUITABLE FOR BUILDING CONSTRUCTION OR CIVIL ENGINEERING

*Gauge Length 5.65√SO
Charpy Size : A=10x10x2mmV B= 10x7.5x2mmV, C= 10x5x2mmV

Item No	Product Code	Section (mm)	Length (mm)	Cast	Bundle Nos	Approx No. of Bars	Yield Stress Re (Mpa)	Tensile Strength Rm (Mpa)	Elong %*	Charpy Impact Results #	Joules KV2	ave	Ladle Analysis % C	Si	Mn	P	S	Cr	Mo	Ni	Al	Co	B	Cu	Nb	N	Sn	Ti	V	CEV
4	F	73 X 8.00 FLATS	06160	57780	22258	84	302	435	36				.150	.180	.640	.012	.029	.016	.001	.016	.001	.005	.0002	.012	.001	.004	.008	.000	.001	.262
				57780	22259	84	302	435	36				.150	.180	.640	.012	.029	.016	.001	.016	.001	.005	.0002	.012	.001	.004	.008	.000	.001	.262
5	F	70 X 10.00 FLATS	06160	57356	21681	68	305	438	35				.160	.180	.670	.014	.019	.021	.001	.024	.002	.006	.0002	.040	.001	.004	.011	.000	.002	.280
				57356	21682	68	305	438	35				.160	.180	.670	.014	.019	.021	.001	.024	.002	.006	.0002	.040	.001	.004	.011	.000	.002	.280
* 7	F	80 X 10.00 FLATS	06160	57301	20146	60	305	443	36				.140	.190	.650	.016	.018	.020	.001	.019	.002	.005	.0002	.013	.001	.009	.009	.002	.002	.255
				57301	20147	60	305	443	36				.140	.190	.650	.016	.018	.020	.001	.019	.002	.005	.0002	.013	.001	.009	.009	.002	.002	.255
				57301	20154	60	308	446	36				.140	.190	.650	.016	.018	.020	.001	.019	.002	.005	.0002	.013	.001	.009	.009	.002	.002	.255
9	F	100 X 6.00 FLATS	06160	56761	14188	78	333	451	39				.160	.170	.670	.010	.017	.017	.001	.019	.002	.005	.0001	.020	.001	.004	.009	.001	.002	.278
				56761	14189	78	333	451	39				.160	.170	.670	.010	.017	.017	.001	.019	.002	.006	.0001	.020	.001	.004	.009	.001	.002	.278

...ified that the whole of the supplies detailed hereon have been inspected, tested ... Unless otherwise stated above conform in all respects with the contract or order. ... quality control arrangements adopted in respect of these supplies have accorded ... the conditions of our registration under BS EN ISO 9001 2008 Reg LRQ4003265

Marking Certificate Number 0038/CPD/20060002/A

CE
0038

For and on Behalf of Liberty Merchant Bar PLC

Richard Gerhardt
Test House Supervisor

RGerhardt

Despatch No.: 204641 Date: 29/08/18 S/O No.: 210882
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL9983 Parent: 390093
Mill Ref....: S275JR Cast No....: 57301 Weight: 0.039 Pieces: 1 Size: 6.200
Product: FLAT080*10 Child Batch No: 390093

395033

Inspection Certificate

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STAHL GERLAFINGEN
AFV BELTRAME GROUP

Stahl Gerlafingen AG
Postfach
CH-4563 Gerlafingen
CHE-105.859.757 MWST
www.stahl-gerlafingen.com - info@stahl-gerlafingen.com

CE
0780
17
0780-CPD-52003

Consignee:

Kromat Trading Ltd.
9, Palace Court
GB-W2 4LP LONDON

Inspection document no.:	80478875.01
Inspection certificate:	EN 10204 - 3.1
Steel grade:	S235JR/S275JR+AR
Material no.:	1.0038/1.0044

Confirmation of order:	167393
Purchase order:	dated 08.11.2017 by e-mail
Delivery note:	80478875
Goods movement date:	13.12.2017

It.	Cast	Article No.	Description	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %	Cu %	V %	Nb %	Ti %	Al %	Ca %	N ppm	CEV %
1	GE 261313	172676	WIDE FLAT 250x10 S235/275JR 6.1m	0.12	0.16	0.54	0.022	0.031	0.17	0.02	0.16	0.49	0.002	0.002	0.001	0.007		89	0.296
2	GE 261311	172676	WIDE FLAT 250x10 S235/275JR 6.1m	0.10	0.16	0.55	0.029	0.032	0.18	0.01	0.14	0.49	0.002	0.001	0.001	0.004		82	0.270
3	GE 261312	172676	WIDE FLAT 250x10 S235/275JR 6.1m	0.10	0.17	0.56	0.026	0.029	0.18	0.01	0.15	0.43	0.002	0.001	0.001	0.005		87	0.272
4	GE 261280	172676	WIDE FLAT 250x10 S235/275JR 6.1m	0.11	0.15	0.54	0.010	0.030	0.10	0.02	0.14	0.39	0.001	0.001	0.001	0.003		83	0.257

It.	Cast	Origin	CE			Bundles / Coils	Weight t	Section mm2	Section %	Tensile test					Ribs	Impact test					
															fR	Positio	K1 J	K2 J	K3 J	Aver. J	T°C
1	GE 261313	Gerlafingen	780			16				276	410			27.0							
2	GE 261311	Gerlafingen	780			1				316	455			37.8							
3	GE 261312	Gerlafingen	780			2				307	439			40.2							
4	GE 261280	Gerlafingen	780			1				302	432			39.9							

Inspector	Factory Gerlafingen		Date 04.01.2018	Quality Assurance Dept. H.-J. Opatz

Despatch No.: 204641 Date: 29/08/18 S/O No.: 210882
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL9983 Parent: 395033
Mill Ref....: S235/275JR Cast No....: 261312 Weight: 0.365 Pieces: 3
Size: 6.200 Product: FLAT250*10 Child Batch No: 395033

CT0006224/1 CT0006224 DN0835543/0003