370 836

Inspection Certificate

Page 1/2

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.:	80478738.01
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:	80478738
Goods movement date:	11.12.2017

It.	Cast	Article-No.	Description	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %	Cu %	V %	Nb %	Ti %	Al %	Ca %	N ppm	CEV %
1	GE 261525	172678	WIDE FLAT 250x15 S235/275JR 6.1m	0.13	0.14	0.56	0.012	0.026	0.13	0.01	0.12	0.40	0.002	0.001	0.001	0.005		72	0.288
2	GE 261527	172678	WIDE FLAT 250x15 S235/275JR 6.1m	0.10	0.16	0.54	0.013	0.024	0.15	0.01	0.12	0.41	0.001	0.001	0.001	0.006		75	0.260
3	GE 261578	172678	WIDE FLAT 250x15 S235/275JR 6.1m	0.11	0.19	0.58	0.013	0.031	0.08	0.01	0.16	0.46	0.001	0.002	0.001	0.005		89	0.267
4	GE 261528	172678	WIDE FLAT 250x15 S235/275JR 6.1m	0.10	0.17	0.55	0.011	0.025	0.15	0.01	0.12	0.38	0.001	0.001	0.001	0.004		71	0.260

It.	Cast	Origin	CE			Bundles / Coils	Weight t	Section mm2	Section %	Tensile test ReH MPa	Tensile test Rm MPa	Tensile test Rm/Re	Tensile test Agt %	Tensile test As,65 %	Ribs fR	Impact test Positio	Impact test K1 J	Impact test K2 J	Impact test K3 J	Impact test Aver. J	Impact test T°C
1	GE 261526	Gerlafingen	780			8				296	429			34.6							
2	GE 261527	Gerlafingen	780			12				303	439			33.6							
3	GE 261578	Gerlafingen	780			3				311	449			32.0							
4	GE 261528	Gerlafingen	780			1				302	439			37.5							

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

Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 370836
Mill Ref....: S275JR Cast No.....: 261526 Weight: Pieces: Size: 6.200
Product: FLAT250*15 Child Batch No: 370836

375 716

LAMINÉS MARCHANDS EUROPÉENS A04
AFV BELTRAME GROUP

Z04 CE 0398
complete CE Marking on next page

A05 AMDS UK LTD
STRAWBERRY LANE
GB WV133S WILLENHALL -

A02
INSPECTION DOCUMENT N.: 945476
OFFICIAL REGULATION: EN 10025-2/2004

A02
INSPECTION CERTIFICATE: 3.1 - EN10204
ENCLOSE CERTIFICATION: CE

C70 Steel from electric arc furnace

A10 Environmental product declaration : ICQM - 14011EPD

AGENT ORDER N.: 178/2029617
CUSTOMER CODE: 10006
A07 CUSTOMER ORDER N.: 61233
CONSIGNEE: AMDS UK LTD
B02 B04 GRADE: S275JR+AR

LOADING NUMBER: 369603 LOADING DATE: 21/02/2018 A01 INTERNAL ORDER: E 857819

IT.	B07 CAST	B01 SECTION	B05-B10-B11 DIMENSIONS mm	CE	LENGTH mt	C71>C82 C	Si	Mn	P	S	Cu	Cr	Ni	V	Mo	Ti	Nb	N	Ceq	Al
5	LM 24007	FLAT	40X8	0398	6,00	0,07	0,18	0,52	0,021	0,029	0,29	0,14	0,14	0,003	0,03	0,0024	0,0014	0,0114	0,218	0,0009
6	LM 23706	FLAT	60X8	0398	6,00	0,07	0,18	0,56	0,030	0,030	0,44	0,14	0,14	0,003	0,03	0,0023	0,0017	0,0120	0,240	0,0016
7	LM 23754	FLAT	70X6	0398	6,00	0,08	0,16	0,55	0,027	0,030	0,31	0,16	0,14	0,003	0,03	0,0024	0,0017	0,0113	0,238	0,0016
8	LM 23502	FLAT	80X6	0398	6,00	0,07	0,14	0,51	0,017	0,030	0,30	0,10	0,11	0,002	0,03	0,0015	0,0015	0,0094	0,211	0,0008
9	LM 22809	FLAT	100X8	0398	6,00	0,08	0,16	0,53	0,022	0,029	0,32	0,13	0,12	0,003	0,03	0,0015	0,0017	0,0075	0,232	0,0002
9	LM 24000	FLAT	100X8	0398	6,00	0,07	0,18	0,54	0,017	0,029	0,35	0,14	0,15	0,003	0,03	0,0021	0,0014	0,0117	0,230	0,0012
10	LM 23808	FLAT	130X8	0398	6,00	0,08	0,17	0,52	0,019	0,029	0,38	0,15	0,17	0,003	0,03	0,0020	0,0015	0,0092	0,235	0,0016
12	LM 24229	FLAT	200X25	0398	6,00	0,07	0,18	0,55	0,013	0,032	0,37	0,14	0,15	0,003	0,03	0,0021	0,0016	0,0111	0,228	0,0012

IT	B07 CAST	A01 ORIGIN	PRODUCT REGULATION	C00 TEST NUM	B08 Bdls n.	B13 WEIGHT Kg	TENSILE TEST C11 ReH/MPa	C12 Rm/MPa	C13 A5%	Z%	IMPACT TEST C42 C42 C42 Kv 300/10 J	C02 °C	RATIO REDUC.	BEND TEST < D	GRAIN	HARDNESS	INSPECTION SUP.	INSIDE	ANTI MIX.
5	LM 24007	TRITH	EN 10058	2064657	1	2.431	305	424	32,1										
6	LM 23706	TRITH	EN 10058	2064129	2	4.684	295	414	29,8										
7	LM 23754	TRITH	EN 10058	2064199	1	2.316	300	422	34,0										
8	LM 23502	TRITH	EN 10058	2064147	1	2.272	296	410	34,3										
9	LM 22809	TRITH	EN 10058	2062885	1	2.315	299	415	33,5										
9	LM 24000	TRITH	EN 10058	2064681	1	2.454	318	452	29,4										
10	LM 23808	TRITH	EN 10058	2064411	1	2.435	295	412	33,9										
12	LM 24229	TRITH	DIN 59200	2065098	1	1.404	284	410	33,7										

MATERIAL AND TEST CERTIFICATE SUPPLIED BY
ARC FURNACE DISTRIBUTION SOLUTIONS UK
TRUE COPY OF THE ORIGINAL CERTIFICATE

INSPECTOR | FACTORY: TRITH ST LEGER | Z02 DATE: 22/02/18 | A05 QUALITY CONTROL DEPT: Amelie Boury | Document validated by electronic sign | Z02 QUALITY ASSURANCE DEPT: Sebastien Crom

Laminés Marchands Europeens S.A. - 2, rue Emile Zola - 59125 Trith Saint Leger (France)
Tel. +33 (0)3 27 14 20 20 - Fax +33 (0)3 27 14 20 10 - S.A. au Capital de 32 300.345 € RCS Valenciennes B 568 801 013
N° SIRET 568 801 013 00018 - N° d'identification à la TVA FR 03 568 801 013 - contact@lme.fr - www.gruppobeltrame.com

Z01 We hereby certify that above mentioned materials have been delivered in accordance with the terms of order.
D01 Surface control and dimensional check = satisfactory

16667

Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 375716
Mill Ref....: S275JR Cast No....: LM23754 Weight: 0.040 Pieces: 2 Size: 6.200
Product: FLAT070*06 Child Batch No: 375716

LAMINÉS MARCHANDS EUROPÉENS
AFV BELTRAME GROUP

CE
0398

MARQUAGE DE CONFORMITE' CE
CE CONFORMITY MARKING

AMDS UK LTD
STRAWBERRY LANE
GB WV133S WILLENHALL -

INSPECTION DOCUMENT N.: 945476

LME DECLARE QUE LES PRODUITS INDIQUES SONT CONFORMES AUX EXIGENCES PREVUES PAR LA LEGISLATION
LME DECLARES THAT THE SUITABLE PRODUCTS ARE CONFORMING TO THE REQUISITE FORESEEN BY THE LEGISLATION

EN 10025-1 PRODUITS EN ACIER LAMINES A CHAUD HOT ROLLED STRUCTURAL STEEL PRODUCTS USAGE: STRUCTURES METALLIQUES STRUCTURES MIXTES ACIER BETON USE: METALLIC STRUCTURES MIXED STEEL-CONCRETE STRUCTURE	Elongation - Elongation Résistance à la traction - Tensile Strength Limite d'élasticité - Yeld Strength Résistance aux chocs - Impact Strength Soudabilité - Weldability Durabilité - Durability	S275JR+AR - EN 10025-2/2004 DoP N. LME - 04_04
	Substances Règlementeés - Regulated substance	NPD

Usine Factory	Adresse Address	Année Year	Certificat de contrôle de la production Production Control Certificate
TRITH ST LEGER	Rue Emile Zola	18	CE 0398 0398/CPR/MP/15.013

Z01 We hereby certify that above mentioned materials have been delivered in accordance with the terms of order.
D01 Surface control and dimensional check = satisfactory

CELSA STEEL UK
OFFICES: Build. 58. Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP CELSA MANUFACTURING UK

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/T
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

383110

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
PULHAM STEELS LTD
THE OLD SAWMILLS, PULHAM
DT2 7DX DORCHESTER
United Kingdom

Destination:
PULHAM STEELS LTD
THE OLD SAWMILLS, PULHAM
DT2 7DX DORCHESTER
United Kingdom

Delivery number: 2550112535
Order number :15689921
Your order :o/n 25902

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg J
S275 JR+AR FL250X20 L.6m	CM119330	0.14	0.55	0.16	0.023	0.025	0.117	0.000	0.13	0.47	0.017	0.002	0.299	310	475	32.8					
S275 JR+AR FL250X20 L.6m	CM119330	0.14	0.55	0.16	0.023	0.025	0.117	0.000	0.13	0.47	0.017	0.002	0.299	300	476	32.9					
S275 JR+AR FL275X10 L.6m	CM117753	0.10	0.54	0.16	0.024	0.023	0.140	0.011	0.14	0.48	0.019	0.002	0.260	322	449	39.5					
S275 JR+AR FL275X10 L.6m	CM117753	0.10	0.54	0.16	0.024	0.023	0.140	0.011	0.14	0.48	0.019	0.002	0.260	323	450	38.8					
S275 JR+AR FL75X10 L.6m	CM117409	0.10	0.53	0.17	0.019	0.029	0.134	0.010	0.14	0.46	0.020	0.003	0.255	317	454	42.1					
S275 JR+AR FL75X10 L.6m	CM117409	0.10	0.53	0.17	0.019	0.029	0.134	0.010	0.14	0.46	0.020	0.003	0.255	302	426	41.0					
S275 JR+AR FL75X10 L.6m	CM117409	0.10	0.53	0.17	0.019	0.029	0.134	0.010	0.14	0.46	0.020	0.003	0.255	320	451	41.6					
S275 JR+AR FL75X10 L.6m	CM117409	0.10	0.53	0.17	0.019	0.029	0.134	0.010	0.14	0.51	0.021	0.002	0.270	292	457	41.1					
S275 JR+AR FL90X10 L.6m	CM118892	0.10	0.55	0.15	0.034	0.022	0.161	0.010	0.14	0.51	0.021	0.002	0.270	320	457	41.1					
S275 JR+AR FL90X10 L.6m	CM118892	0.10	0.55	0.15	0.034	0.022	0.161	0.010	0.14	0.51	0.021	0.002	0.270	323	457	41.0					
S275 JR+AR FL90X10 L.6m	CM118892	0.10	0.55	0.15	0.034	0.022	0.161	0.010	0.14	0.51	0.021	0.002	0.270								

The materials has been evaluated and radiation is within national limits

Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.

Cardiff, 08.05.2018

Stuart Thomas
Quality Manager

Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 383110
Mill Ref....: S275JR Cast No....: CM18892 Weight: 0.176 Pieces: 4 Size: 6.200
Product: FLAT090*10 Child Batch No: 383110

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP CELSA MANUFACTURING UK

383114

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1-
DOP: CELSAJK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
PULHAM STEELS LTD
THE OLD SAWMILLS, PULHAM
DT2 7DX DORCHESTER
United Kingdom

Destination:
PULHAM STEELS LTD
THE OLD SAWMILLS, PULHAM
DT2 7DX DORCHESTER
United Kingdom

Delivery number: 2550112535
Order number :15689921
Your order :c/n 25902

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
S275 JR+AR FL220X12 L.6m	CM119445	0.10	0.54	0.15	0.032	0.029	0.147	0.011	0.14	0.49	0.018	0.001	0.267	307	439	36.9					
S275 JR+AR FL220X12 L.6m	CM119445	0.10	0.54	0.15	0.032	0.029	0.147	0.011	0.14	0.49	0.018	0.001	0.267	314	456	37.7					
S275 JR+AR FL220X12 L.6m	CM119445	0.10	0.54	0.15	0.032	0.029	0.147	0.011	0.14	0.49	0.018	0.001	0.267	312	451	38.5					
S275 JR+AR FL220X12 L.6m	CM119445	0.10	0.54	0.15	0.032	0.029	0.147	0.011	0.14	0.49	0.018	0.001	0.267	322	460	36.8					
S275 JR+AR FL220X15 L.6m	CM118169	0.09	0.52	0.14	0.030	0.017	0.100	0.011	0.12	0.42	0.024	0.002	0.242	296	438	44.2					
S275 JR+AR FL250X12 L.6m	CM119318	0.09	0.52	0.15	0.008	0.022	0.121	0.010	0.14	0.46	0.023	0.002	0.247	292	438	36.2					
S275 JR+AR FL250X12 L.6m	CM119318	0.09	0.52	0.15	0.008	0.022	0.121	0.010	0.14	0.46	0.023	0.002	0.247	299	443	37.1					
S275 JR+AR FL250X12 L.6m	CM119318	0.09	0.52	0.15	0.008	0.022	0.121	0.010	0.14	0.46	0.023	0.002	0.247	294	435	37.0					
S275 JR+AR FL250X12 L.6m	CM119318	0.09	0.52	0.15	0.008	0.022	0.121	0.010	0.14	0.46	0.023	0.002	0.247	292	438	36.2					
S275 JR+AR FL250X15 L.6m	CM119321	0.09	0.52	0.15	0.010	0.016	0.093	0.010	0.14	0.46	0.021	0.002	0.244	307	466	35.2					
S275 JR+AR FL250X15 L.6m	CM119321	0.09	0.52	0.15	0.010	0.016	0.093	0.010	0.14	0.46	0.021	0.002	0.244	301	442	34.6					
S275 JR+AR FL250X15 L.6m	CM119321	0.09	0.52	0.15	0.010	0.016	0.093	0.010	0.14	0.46	0.021	0.002	0.244	300	446	34.6					
S275 JR+AR FL250X15 L.6m	CM119321	0.09	0.52	0.15	0.010	0.016	0.093	0.010	0.14	0.46	0.021	0.002	0.244	301	435	34.3					
S275 JR+AR FL250X20 L.6m	CM119330	0.14	0.55	0.16	0.023	0.025	0.117	0.000	0.13	0.47	0.017	0.002	0.299	301	474	33.3					
S275 JR+AR FL250X20 L.6m	CM119330	0.14	0.55	0.16	0.023	0.025	0.117	0.000	0.13	0.47	0.017	0.002	0.299	305	475	33.2					

The materials has been evaluated and radiation is within national limits
Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process :
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 08.05.2018

Stuart Thomas
Quality Manager

Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 383114
Mill Ref....: S275JR Cast No....: CM119445 Weight: 0.385 Pieces: 3 Size: 6.200
Product: FLAT220*12 Child Batch No: 383114

Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 383115
Mill Ref....: S275JR Cast No....: CM118169 Weight: 0.482 Pieces: 3 Size: 6.200
Product: FLAT220*15 Child Batch No: 383115

CELSA STEEL UK
OFFICES: Build. 5B, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP CELSA MANUFACTURING UK

383115

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1-
DOP: CELSA/JK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
PULHAM STEELS LTD
THE OLD SAWMILLS, PULHAM
DT2 7DX DORCHESTER
United Kingdom

Destination:
PULHAM STEELS LTD
THE OLD SAWMILLS, PULHAM
DT2 7DX DORCHESTER
United Kingdom

Delivery number: 2550112535
Order number :15689921
Your order :o/n 25902

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
S275 JR+AR FL220X12 L.6m	CM119445	0.10	0.54	0.15	0.032	0.029	0.147	0.011	0.14	0.49	0.018	0.001	0.267	307	439	36.9					
S275 JR+AR FL220X12 L.6m	CM119445	0.10	0.54	0.15	0.032	0.029	0.147	0.011	0.14	0.49	0.018	0.001	0.267	314	456	37.7					
S275 JR+AR FL220X12 L.6m	CM119445	0.10	0.54	0.15	0.032	0.029	0.147	0.011	0.14	0.49	0.018	0.001	0.267	312	451	38.5					
S275 JR+AR FL220X12 L.6m	CM119445	0.10	0.54	0.15	0.032	0.029	0.147	0.011	0.14	0.49	0.018	0.001	0.267	322	460	36.8					
S275 JR+AR FL220X12 L.6m	CM119445	0.10	0.54	0.15	0.032	0.029	0.147	0.011	0.14	0.49	0.018	0.001	0.267	296	438	44.2					
→ S275 JR+AR FL220X15 L.6m	CM118169	0.09	0.52	0.14	0.030	0.017	0.100	0.011	0.12	0.42	0.024	0.002	0.242	292	438	36.2					
S275 JR+AR FL250X12 L.6m	CM119318	0.09	0.52	0.15	0.008	0.022	0.121	0.010	0.14	0.46	0.023	0.002	0.247	299	440	37.1					
S275 JR+AR FL250X12 L.6m	CM119318	0.09	0.52	0.15	0.008	0.022	0.121	0.010	0.14	0.46	0.023	0.002	0.247	294	435	37.0					
S275 JR+AR FL250X12 L.6m	CM119318	0.09	0.52	0.15	0.008	0.022	0.121	0.010	0.14	0.46	0.023	0.002	0.247	292	438	36.2					
S275 JR+AR FL250X12 L.6m	CM119318	0.09	0.52	0.15	0.008	0.022	0.121	0.010	0.14	0.46	0.023	0.002	0.247	292	438	36.2					
S275 JR+AR FL250X15 L.6m	CM119321	0.09	0.52	0.15	0.010	0.016	0.093	0.010	0.14	0.46	0.021	0.002	0.244	307	466	35.2					
S275 JR+AR FL250X15 L.6m	CM119321	0.09	0.52	0.15	0.010	0.016	0.093	0.010	0.14	0.46	0.021	0.002	0.244	301	442	34.5					
S275 JR+AR FL250X15 L.6m	CM119321	0.09	0.52	0.15	0.010	0.016	0.093	0.010	0.14	0.46	0.021	0.002	0.244	300	446	34.6					
S275 JR+AR FL250X15 L.6m	CM119321	0.09	0.52	0.15	0.010	0.016	0.093	0.010	0.14	0.46	0.021	0.002	0.244	301	435	34.3					
S275 JR+AR FL250X20 L.6m	CM119330	0.14	0.55	0.16	0.023	0.025	0.117	0.000	0.13	0.47	0.017	0.002	0.299	301	474	33.3					
S275 JR+AR FL250X20 L.6m	CM119330	0.14	0.55	0.16	0.023	0.025	0.117	0.000	0.13	0.47	0.017	0.002	0.299	305	475	33.2					

The materials has been evaluated and radiation is within national limits

Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.

Cardiff, 08.05.2018

Stuart Thomas
Quality Manager

Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 389680
Mill Ref....: S275JR Cast No.....: CM120446 Weight: 0.759 Pieces: 12 Size: 6.200
Product: FLAT130*10 Child Batch No: 389680

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP CELSA MANUFACTURING UK

389 680

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
PULHAM STEELS LTD
THE OLD SAWMILLS, PULHAM
DT2 7DX DORCHESTER
United Kingdom

Destination:
PULHAM STEELS LTD
THE OLD SAWMILLS, PULHAM
DT2 7DX DORCHESTER
United Kingdom

Delivery number: 2550117778
Order number :15691557
Your order :26193

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
S275 JR+AR FL130X10 L.6m	CM120446	0.10	0.54	0.15	0.026	0.029	0.147	0.011	0.13	0.45	0.019	0.002	0.265	318	464	37.5					
S275 JR+AR FL130X10 L.6m	CM120446	0.10	0.54	0.15	0.026	0.029	0.147	0.011	0.13	0.45	0.019	0.002	0.265	324	462	37.4					
S275 JR+AR FL130X10 L.6m	CM120446	0.10	0.54	0.15	0.026	0.029	0.147	0.011	0.13	0.45	0.019	0.002	0.265	331	462	37.4					
S275 JR+AR FL130X10 L.6m	CM120446	0.10	0.54	0.15	0.026	0.029	0.147	0.011	0.13	0.45	0.019	0.002	0.265	320	462	37.4					
S275 JR+AR FL130X10 L.6m	CM120446	0.10	0.54	0.15	0.026	0.029	0.147	0.011	0.13	0.45	0.019	0.002	0.265	381	462	37.4					
S275 JR+AR FL130X12 L.6m	CM120267	0.09	0.57	0.16	0.028	0.029	0.105	0.010	0.14	0.45	0.020	0.002	0.247	289	443	35.4					
S275 JR+AR FL130X12 L.6m	CM120267	0.09	0.57	0.16	0.028	0.029	0.105	0.010	0.14	0.45	0.020	0.002	0.247	296	444	35.4					
S275 JR+AR FL130X15 L.6m	CM120391	0.10	0.57	0.17	0.035	0.031	0.148	0.009	0.13	0.48	0.017	0.002	0.272	315	462	34.4					
S275 JR+AR FL130X15 L.6m	CM120391	0.10	0.57	0.17	0.035	0.031	0.148	0.009	0.13	0.48	0.017	0.002	0.272	322	460	34.3					
S275 JR+AR FL130X15 L.6m	CM120391	0.10	0.57	0.17	0.035	0.031	0.148	0.009	0.13	0.48	0.017	0.002	0.272	327	459	34.8					
S275 JR+AR FL130X15 L.6m	CM120391	0.10	0.57	0.17	0.035	0.031	0.148	0.009	0.13	0.48	0.017	0.002	0.272	323	459	34.8					
S275 JR+AR FL130X6 L.6m	CM120454	0.10	0.55	0.16	0.028	0.027	0.149	0.011	0.13	0.45	0.018	0.002	0.263	341	465	41.7					
S275 JR+AR FL130X6 L.6m	CM120454	0.10	0.55	0.16	0.028	0.027	0.149	0.011	0.13	0.45	0.018	0.002	0.263	339	462	41.6					
S275 JR+AR FL300X12 L.6m	CM119103	0.09	0.52	0.14	0.022	0.028	0.155	0.008	0.13	0.44	0.022	0.001	0.249	306	448	37.6					
S275 JR+AR FL300X12 L.6m	CM119103	0.09	0.52	0.14	0.022	0.028	0.155	0.008	0.13	0.44	0.022	0.001	0.249	300	439	37.8					

The materials has been evaluated and radiation is within national limits

Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.

Cardiff, 28.06.2018

Stuart Thomas
Quality Manager

Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 389848
Mill Ref....: S275JR Cast No....: CM1195453 Weight: 0.088 Pieces: 1 Size: 6.200
Product: FLAT180*10 Child Batch No: 389848

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP CELSA MANUFACTURING UK

389 848

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
PULHAM STEELS LTD
THE OLD SAWMILLS, PULHAM
DT2 7DX DORCHESTER
United Kingdom

Destination:
PULHAM STEELS LTD
THE OLD SAWMILLS, PULHAM
DT2 7DX DORCHESTER
United Kingdom

Delivery number: 2550118911
Order number :15691557
Your order :26193

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
S275 JR+AR FL150X15 L.6m	CM119834	0.10	0.55	0.15	0.023	0.019	0.076	0.012	0.14	0.43	0.020	0.001	0.249	298	445	32.9					
S275 JR+AR FL150X15 L.6m	CM119834	0.10	0.55	0.15	0.023	0.019	0.076	0.012	0.14	0.43	0.020	0.001	0.249	311	448	33.5					
S275 JR+AR FL150X15 L.6m	CM119834	0.10	0.55	0.15	0.023	0.019	0.076	0.012	0.14	0.43	0.020	0.001	0.249	319	451	33.1					
S275 JR+AR FL160X8 L.6m	CM119691	0.08	0.54	0.17	0.025	0.018	0.083	0.011	0.14	0.49	0.018	0.001	0.234	311	449	39.5					
S275 JR+AR FL160X8 L.6m	CM119691	0.08	0.54	0.17	0.025	0.018	0.083	0.011	0.14	0.49	0.018	0.001	0.234	312	446	39.5					
S275 JR+AR FL160X8 L.6m	CM119691	0.08	0.54	0.17	0.025	0.018	0.083	0.011	0.14	0.49	0.018	0.001	0.234	309	449	38.5					
S275 JR+AR FL160X8 L.6m	CM119691	0.08	0.54	0.17	0.025	0.018	0.083	0.011	0.14	0.49	0.018	0.001	0.234	302	443	39.5					
* S275 JR+AR FL180X10 L.6m	CM119453	0.10	0.51	0.14	0.030	0.027	0.126	0.012	0.12	0.43	0.018	0.002	0.250	322	454	32.9					
S275 JR+AR FL180X10 L.6m	CM119453	0.10	0.51	0.14	0.030	0.027	0.126	0.012	0.12	0.43	0.018	0.002	0.250	317	451	33.5					
S275 JR+AR FL180X12 L.6m	CM119456	0.10	0.53	0.15	0.029	0.032	0.156	0.011	0.14	0.49	0.022	0.001	0.264	311	445	32.3					
S275 JR+AR FL180X12 L.6m	CM119456	0.10	0.53	0.15	0.029	0.032	0.156	0.011	0.14	0.49	0.022	0.001	0.264	312	443	31.9					
S275 JR+AR FL180X15 L.6m	CM119631	0.10	0.50	0.14	0.028	0.026	0.134	0.010	0.11	0.43	0.015	0.001	0.247	292	437	33.6					
S275 JR+AR FL180X15 L.6m	CM119631	0.10	0.50	0.14	0.028	0.026	0.134	0.010	0.11	0.43	0.015	0.001	0.247	297	437	37.6					
S275 JR+AR FL180X15 L.6m	CM119631	0.10	0.50	0.14	0.028	0.026	0.134	0.010	0.11	0.43	0.015	0.001	0.247	282	437	37.5					
S275 JR+AR FL180X6 L.6m	CM119620	0.09	0.54	0.16	0.030	0.030	0.123	0.010	0.14	0.43	0.017	0.001	0.244	338	459	45.2					

The materials has been evaluated and radiation is within national limits

Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 29.06.2018

Stuart Thomas
Quality Manager

389 860

LIBERTY STEEL

LIBERTY MERCHANT BAR Plc

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

CERTIFICATE OF TEST

Date :04/07/18
Page :1 of 1

In accordance with EN10204 3.1

CUSTOMER

ALL STEELS (SPECIALS) LIMITED

HAMBLETON STEELWORKS
YORK ROAD
THIRSK
NORTH YORKSHIRE YO73BT

INSPECTION

Supplied in the as-rolled condition

LMB No. 548542 ADVICE 76206 CUST No. A13377

SPECIFICATION
EN10025-2 S275JR +AR

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

*Gauge Length 5.65 $\sqrt{SO}$
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	S	Mn	P	S	Cr	Mo	Ni	Al	Co	B	Cu	Nb	N	Sn	Ti	V	CEV
38	F	150 X 10.00 13377 FLATS	06160	57708	24912	32	314	457	34				.150	.170	.700	.020	.028	.022	.001	.024	.002	.005	.0002	.049	.001	.004	.009	.001	.002	.276
39	F	150 X 12.00 13377 FLATS	06160	57297	24514	19	302	443	32				.140	.200	.690	.021	.015	.016	.002	.018	.002	.005	.0002	.009	.001	.005	.009	.001	.005	.261
40	F	150 X 15.00 13377 FLATS	06160	57701	24108	22	309	476	33				.170	.180	.640	.018	.023	.023	.001	.022	.002	.005	.0001	.041	.001	.007	.006	.001	.002	.286
41	F	150 X 20.00 13377 FLATS	06080	57701	23924	16	292	461	32				.170	.180	.640	.018	.023	.023	.001	.022	.002	.005	.0001	.041	.001	.007	.006	.001	.002	.286
42	F	160 X 8.00 13377 FLATS	06130	55178	05013	32	313	442	34				.160	.180	.640	.011	.010	.011	.001	.015	.002	.004	.0001	.011	.001	.003	.004	.001	.001	.270
45	R	12 13377 ROUNDS	06170	57619	V8386	352	346	447	41				.140	.180	.630	.017	.014	.016	.002	.020	.002	.005	.0002	.020	.001	.005	.006	.000	.002	.251

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

CE 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.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 389860
Mill Ref....: S275JR Cast No....: 57708 Weight: 0.146 Pieces: 2 Size: 6.200
Product: FLAT150*10 Child Batch No: 389860

390093

LIBERTY STEEL

LIBERTY MERCHANT BAR Plc

CERTIFICATE OF TEST

Date :23/05/18

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

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√S0
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	70 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

...rtified 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.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 390093
Mill Ref....: S275JR Cast No....: 57301 Weight: 0.078 Pieces: 2 Size: 6.200
Product: FLAT080*10 Child Batch No: 390093

391 405

SIDERÚRGICA SEVILLANA, S. A.

ADDRESS
Autovia A-92 Km. 6
41500 Alcalá de Guadaira

SEVILLA - ESPAÑA
Teléfono: 95/4979300-09
E-mail: informacion.sise@rivagroup.com
Telefax: 95/4979315

KROMAT TRADING LIMITED

9 PALACE COURT

LONDON W2 4LP UNITED KINGDOM

N.CERT. 01026 DATE 22/03/18

MILL TEST CERTIFICATES, CE MARKED AND ACC. TO EN 10204 TYPE 3.1.

DESCRIPTION OF GOODS: PRIME HOT ROLLED STEEL ANGLES, FLATS BARS, SQUARE BARS AND ROUND BARS TO BS EN 10025:2004 PARTS 1 AND 2, GRADE S275JR IN 6M TO 12.2M LENGTHS+100MM/-NIL

		MECHANICAL PROPERTIES								CHEMICAL ANALYSIS												
Number	Heat No.	Size 1	Size 2	Section mm²	Tolerance %	Yeld Point N/mm²	Tensile Strengh N/mm²	Elongation (%)	Product	C	Mn	Si	P	S	Cr	Ni	Cu	Ti	Mo	N	V	C_{eq}
141	60085	100,0	6,0	599,5	- 0,1	383,0	539,0	31,4	FLATS	0,18	0,84	0,17	0,022	0,035	0,11	0,09	0,31	0,001	0,01	0,008	0,003	0,37
142	60086	100,0	6,0	599,7	0,0	367,0	524,0	34,1	FLATS	0,18	0,83	0,17	0,024	0,034	0,12	0,10	0,35	0,000	0,01	0,007	0,003	0,38
143	97952	100,0	8,0	787,7	- 1,5	374,0	529,0	30,2	FLATS	0,19	0,82	0,14	0,017	0,030	0,11	0,08	0,31	0,001	0,01	0,010	0,003	0,38
144	10185	100,0	10,0	967,1	- 3,3	308,0	473,0	31,5	FLATS	0,08	0,52	0,13	0,013	0,033	0,16	0,09	0,28	0,000	0,02	0,009	0,002	0,23
145	10186	100,0	10,0	971,4	- 2,8	318,0	481,0	34,0	FLATS	0,09	0,51	0,17	0,011	0,033	0,15	0,09	0,27	0,000	0,01	0,008	0,002	0,23
146	10187	100,0	10,0	971,0	- 2,9	326,0	465,0	35,7	FLATS	0,08	0,50	0,18	0,011	0,029	0,14	0,08	0,28	0,000	0,01	0,009	0,002	0,22
147	10188	100,0	10,0	958,9	- 3,1	329,0	459,0	35,4	FLATS	0,08	0,53	0,18	0,010	0,032	0,15	0,10	0,27	0,001	0,02	0,009	0,002	0,23
148	10194	100,0	12,0	1159,7	+ 1,5	355,0	538,0	28,7	FLATS	0,08	0,54	0,18	0,011	0,028	0,14	0,09	0,28	0,001	0,01	0,008	0,002	0,23
149	10197	100,0	15,0	1464,1	- 2,4	341,0	527,0	32,2	FLATS	0,10	0,50	0,18	0,013	0,033	0,09	0,08	0,27	0,000	0,02	0,010	0,002	0,23
150	57819	100,0	15,0	1487,1	- 0,9	336,0	519,0	32,0	FLATS	0,19	0,79	0,12	0,019	0,029	0,14	0,09	0,34	0,001	0,01	0,011	0,003	0,38
151	95440	100,0	15,0	1454,1	- 3,1	326,0	497,0	31,8	FLATS	0,09	0,50	0,19	0,010	0,026	0,12	0,12	0,41	0,001	0,03	0,011	0,002	0,24
152	97935	100,0	15,0	1510,5	+ 0,7	336,0	511,0	30,9	FLATS	0,18	0,84	0,14	0,019	0,029	0,14	0,09	0,36	0,001	0,01	0,008	0,003	0,38
153	10201	100,0	20,0	1973,3	- 1,3	325,0	506,0	32,1	FLATS	0,17	0,85	0,15	0,019	0,035	0,13	0,09	0,32	0,001	0,02	0,012	0,004	0,37
154	60130	100,0	20,0	1966,3	- 1,7	326,0	508,0	33,0	FLATS	0,10	0,62	0,16	0,030	0,033	0,24	0,09	0,38	0,001	0,03	0,010	0,004	0,29
155	97908	120,0	6,0	746,3	+ 3,7	341,0	511,0	29,1	FLATS	0,18	0,82	0,15	0,020	0,025	0,13	0,08	0,26	0,001	0,01	0,008	0,003	0,37
156	97909	120,0	6,0	753,3	+ 4,6	344,0	518,0	29,0	FLATS	0,19	0,79	0,13	0,022	0,030	0,12	0,08	0,30	0,000	0,01	0,008	0,003	0,37
157	97911	120,0	6,0	730,3	+ 1,4	349,0	525,0	29,6	FLATS	0,18	0,82	0,13	0,033	0,031	0,13	0,08	0,29	0,001	0,01	0,011	0,003	0,37
158	97914	120,0	8,0	945,2	- 1,5	345,0	518,0	28,9	FLATS	0,18	0,81	0,15	0,024	0,025	0,14	0,08	0,27	0,001	0,02	0,008	0,003	0,37
159	10219	120,0	10,0	1153,1	- 3,1	345,0	522,0	29,7	FLATS	0,09	0,53	0,18	0,017	0,035	0,12	0,08	0,32	0,001	0,01	0,010	0,002	0,23
160	60153	120,0	10,0	1165,5	- 2,9	345,0	521,0	29,7	FLATS	0,17	0,84	0,17	0,025	0,033	0,17	0,08	0,36	0,001	0,01	0,012	0,003	0,38
161	97925	120,0	12,0	1422,4	- 1,2	335,0	519,0	28,2	FLATS	0,18	0,84	0,14	0,019	0,029	0,14	0,09	0,35	0,001	0,01	0,008	0,003	0,38
162	54533	120,0	15,0	1772,4	- 1,5	332,0	512,0	27,5	FLATS	0,19	0,64	0,12	0,016	0,040	0,14	0,10	0,42	0,001	0,02	0,009	0,002	0,36
163	54579	120,0	15,0	1769,2	- 1,7	322,0	493,0	28,6	FLATS	0,16	0,71	0,15	0,011	0,037	0,11	0,08	0,31	0,001	0,01	0,009	0,002	0,33
164	54648	120,0	15,0	1778,5	- 1,2	340,0	511,0	25,8	FLATS	0,17	0,70	0,17	0,012	0,037	0,12	0,15	0,40	0,002	0,06	0,009	0,003	0,36
165	93614	120,0	15,0	885,2	- 1,7	334,0	511,0	25,8	FLATS	0,16	0,72	0,15	0,024	0,038	0,21	0,16	0,49	0,000	0,04	0,010	0,000	0,37
166	93616	120,0	20,0	2346,2	- 2,2	322,0	516,0	26,4	FLATS	0,17	0,71	0,15	0,026	0,039	0,21	0,16	0,48	0,000	0,04	0,011	0,000	0,38
167	93617	120,0	20,0	2339,6	- 2,5	336,0	520,0	25,1	FLATS	0,17	0,70	0,14	0,025	0,040	0,20	0,17	0,51	0,000	0,04	0,012	0,000	0,38
168	93618	120,0	20,0	2315,1	- 3,5	337,0	528,0	26,3	FLATS	0,17	0,69	0,18	0,021	0,039	0,19	0,18	0,48	0,000	0,05	0,012	0,000	0,38

CE

CARLOS SANCHEZ FRANSESCH
QUALITY MANAGER
(EN-10204 UNE-36801/92 APARTADO 5)

RLQR09/15

Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 391405
Mill Ref....: S275JR Cast No....: 10186 Weight: 0.438 Pieces: 9 Size: 6.200
Product: FLAT100*10 Child Batch No: 391405

CT006208/1 CT006208 DN063841/0005

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP CELSA MANUFACTURING UK

395049.

LRV ID N: 0038
05
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
PITCHFORD STEELSTOCK LTD
PEDMORE ROAD INDUSTRIAL ESTATE
DY5 1TH BRIERLEY HILL
United Kingdom

Destination:
PITCHFORD STEELSTOCK LTD
PEDMORE ROAD INDUSTRIAL ESTATE
DY5 1TH BRIERLEY HILL
United Kingdom

Delivery number: 2550117413
Order number :15691545
Your order :PO020102

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
S275 JR-AR FL150X25 L.6m	CM119803	0.09	0.52	0.14	0.028	0.016	0.060	0.012	0.12	0.4	0.018	0.001	0.226	294	426	37.2					
S275 JR-AR FL150X25 L.6m	CM119803	0.09	0.52	0.14	0.028	0.016	0.060	0.012	0.12	0.41	0.018	0.001	0.226	297	427	37.0					
S275 JR-AR FL150X25 L.6m	CM119803	0.09	0.52	0.14	0.028	0.016	0.060	0.012	0.12	0.41	0.018	0.001	0.226	232	427	37.3					
S275 JR-AR FL200X15 L.6m	CM119451	0.09	0.52	0.16	0.031	0.026	0.135	0.011	0.14	0.53	0.017	0.001	0.252	302	452	36.8					
S275 JR-AR FL200X15 L.6m	CM119451	0.09	0.52	0.16	0.031	0.026	0.135	0.011	0.14	0.53	0.017	0.001	0.252	295	444	37.2					
S275 JR-AR FL200X15 L.6m	CM119451	0.09	0.52	0.16	0.031	0.026	0.135	0.011	0.14	0.53	0.017	0.001	0.252	303	452	36.8					
S275 JR-AR FL200X15 L.6m	CM119451	0.09	0.52	0.16	0.031	0.026	0.135	0.011	0.14	0.53	0.017	0.001	0.252	313	445	36.1					

The materials has been evaluated and radiation is within national limits
Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035

Steel making process
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 27.06.2018

Stuart Thomas
Quality Manager

PA 1:

Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 395049
Mill Ref....: S275JR Cast No.....: CM119451 Weight: 0.292 Pieces: 2 Size: 6.200
Product: FLAT200*15 Child Batch No: 395049

395050

Inspection Certificate

Page 1/2

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.:	80479104.01
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-mai
Delivery note:	80479104
Goods movement date:	19.12.2017

It.	Cast	Article-No.	Description	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %	Cu %	V %	Nb %	Ti %	Al %	Ca %	N ppm	CEV %
1	GE 261686	172666	WIDE FLAT 200x20 S235/275JR 6.1m	0.11	0.16	0.56	0.019	0.028	0.18	0.02	0.18	0.44	0.002	0.001	0.001	0.004		79	0.283
2	GE 261370	172666	WIDE FLAT 200x20 S235/275JR 6.1m	0.13	0.16	0.53	0.022	0.032	0.17	0.02	0.13	0.45	0.002	0.002	0.001	0.004		77	0.292
3	GE 259858	172667	WIDE FLAT 200x25 S235/275JR 6.1m	0.13	0.19	0.60	0.018	0.026	0.15	0.02	0.13	0.53	0.001	0.001	0.001	0.004		91	0.309
4	GE 257652	172667	WIDE FLAT 200x25 S235/275JR 6.1m	0.15	0.17	0.60	0.008	0.021	0.12	0.02	0.12	0.35	0.002	0.003	0.001	0.005		59	0.305
5	GE 259887	172667	WIDE FLAT 200x25 S235/275JR 6.1m	0.12	0.18	0.65	0.019	0.025	0.18	0.02	0.18	0.55	0.001	0.001	0.001	0.004		82	0.324
6	GE 257677	172808	WIDE FLAT 220x25 S235/275JR 6.1m	0.13	0.20	0.60	0.009	0.028	0.10	0.01	0.18	0.29	0.002	0.002	0.001	0.004		89	0.280
7	GE 250915	172808	WIDE FLAT 220x25 S235/275JR 6.1m	0.13	0.18	0.63	0.027	0.027	0.20	0.02	0.15	0.47	0.002	0.002	0.001	0.003		94	0.324

It.	Cast	Origin	CE			Bundles / Coils	Weight t	Section mm2	Section %	Tensile test ReH/MP	Tensile test Rm/MPa	Tensile test Rm/Re	Tensile test Agt %	Tensile test As 65 %	Ribs fR	Impact test Positio	Impact test K1 J	Impact test K2 J	Impact test K3 J	Impact test Aver. J	Impact test T°C
1	GE 261686	Gerlafingen	780			11				311	446			31.1							
2	GE 261370	Gerlafingen	780			1				309	451			29.5							
3	GE 259858	Gerlafingen	780			1				309	455			33.0							
4	GE 257652	Gerlafingen	780			1				298	457			34.0							
5	GE 259887	Gerlafingen	780			6				312	456			29.3							
6	GE 257677	Gerlafingen	780			3				295	436			34.8							
7	GE 250915	Gerlafingen	780			1				300	447			32.2							
Inspector			Factory Gerlafingen										Date 04.01.2018		Quality Assurance Dept. H.-J. Opatz						

Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 395050
Mill Ref....: S235/275JR Cast No.....: GE26186/LM21417 Weight: 0.389 Pieces: 2
Size: 6.200 Product: FLAT200*20 Child Batch No: 395050

CT006222/1 CT006222 DN083641/0009

LAMINÉS MARCHANDS EUROPÉENS A04
AFV BELTRAME GROUP

Z04 CE 0398
complete CE Marking on next page

A06 **PITCHFORD STEELSTOCK LTD**
PEDMORE ROAD INDUSTRIAL ESTATE
GB DY51T BRIERLEY HILL -

A03
INSPECTION DOCUMENT N : **928570**
OFFICIAL REGULATION: **EN 10025-2/2004**

A02
INSPECTION CERTIFICATE **3.1 - EN10204**
ENCLOSE CERTIFICATION CE

C70 **Steel from electric arc furnace**

A10 **Environmental product declaration : ICQM - 14011EPD**

AGENT ORDER N. **178/2012980**
CUSTOMER CODE **6260**
A07 CUSTOMER ORDER N. **PO017827**
CONSIGNEE **PITCHFORD STEELSTOCK LTD**
B02 B04 GRADE **S275JR+AR**

LOADING NUMBER: 362243 **LOADING DATE: 24/10/2017** A08 **INTERNAL ORDER: E 847621**

IT.	B07 CAST	B01 SECTION	B09 B10 B11 DIMENSIONS mm	CE	LENGTH mt	C21 +C92 C	Si	Mn	P	S	Cu	Cr	Ni	V	Mo	Ti	Nb	N	Ceq	Al
2	LM 21417	FLAT	200X20	0398	6,00	0,08	0,18	0,56	0,015	0,025	0,36	0,12	0,15	0,003	0,03	0,0018	0,0015	0,0118	0,24	0,0027

IT.	B07 CAST	A01 ORIGIN	PRODUCT REGULATION	C00 TEST NUM	B08 Bdls n.	B13 WEIGHT Kg	TENSILE TEST C11 ReK/MPa	C12 Rm/MPa	C13 A5 %	Z %	IMPACT TEST C42 C42 C42 Kv 300/10 J	C03 °C	RATIO REDUC.	BEND TEST < D	GRAIN	HARDNESS	INSPECTION SUP. INSIDE	ANTI MIX.
2	LM 21417	TRITH	DIN 59200	2060783	1	2.255	293	412	33,0									

INSPECTOR — FACTORY: TRITH ST LEGER — Z02 DATE: 24/10/17 — A05 QUALITY CONTROL DEPT: Amelie Boury — Document validated by electronic sign — Z02 QUALITY ASSURANCE DEPT: Sebastien Crom

CT004837/1 CT004837 DN083541/0010

Laminés Marchands Européens S.A. - 2, rue Emile Zola - 59125 Trith Saint Léger (France)
Tél. +33 (0)3 27 14 20 20 - Fax +33 (0)3 27 14 20 10 - S.A. au Capital de 32 300 345 € RCS Valenciennes B 568 801 013
N° SIRET 568 801 013 00018 - N° d'identification à la TVA FR 03 568 801 013 - contact@lme.fr - www.gruppobeltrame.com

Z01 We hereby certify that above mentioned materials have been delivered in accordance with the terms of order
D01 Surface control and dimensional check = satisfactory

LAMINÉS MARCHANDS EUROPÉENS
AFV BELTRAME GROUP

CE
0398

MARQUAGE DE CONFORMITE' CE
CE CONFORMITY MARKING

PITCHFORD STEELSTOCK LTD
PEDMORE ROAD INDUSTRIAL ESTATE
GB DY51T BRIERLEY HILL -

INSPECTION DOCUMENT N : 928570/

LME DECLARE QUE LES PRODUITS INDIQUES SONT CONFORMES AUX EXIGENCES PREVUES PAR LA LEGISLATION
LME DECLARES THAT THE SUITABLE PRODUCTS ARE CONFORMING TO THE REQUISITE FORESEEN BY THE LEGISLATION

EN 10025-1 PRODUITS EN ACIER LAMINES A CHAUD HOT ROLLED STRUCTURAL STEEL PRODUCTS USAGE STRUCTURES METALLIQUES STRUCTURES MIXTES ACIER BETON USE METALLIC STRUCTURES MIXED STEEL-CONCRETE STRUCTURE	Elongation - Elongation Résistance à la traction - Tensile Strength Limite d'élasticité - Yeld Strength Résistance aux chocs - Impact Strength Soudabilité - Weldability Durabilité - Durability Substances Réglementeés - Regulated substance	**S275JR+AR - EN 10025-2/2004** DoP N. LME - 04_04 NPD

Usine Factory	Adresse Address	Année Year	Certificat de contrôle de la production Production Control Certificate
TRITH ST LEGER	Rue Emile Zola	17	CE 0398 0398/CPR/MP/15.013

CT004837/1 CT004837 DN083641/0010

Z01 We hereby certify that above mentioned materials have been delivered in accordance with the terms of order
D01 Surface control and dimensional check = satisfactory

397014

Inspection Certificate

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

61432

CE
0780
18
0780-CPD-52003

Consignee:

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

Inspection document no.: 80488497.01
Inspection certificate: EN 10204 - 3.1
Steel grade: S235JR/S275JR+AR
Material no.: 1.0038/1.0044

Confirmation of order: 169722
Purchase order: email 17.04.2018 dated 17.04.2018
by e-mail
Delivery note: 80488497

It.	Head of improvement	Article-No.	Description	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %	Cu %	V %	Nb %	Ti %	Al %	Ca %	N ppm	CEV %
1	GE 262925	172668	WIDE FLAT 220x10 S235/275JR 6.1m	0.10	0.17	0.57	0.012	0.031	0.12	0.02	0.17	0.46	0.001	0.002	0.001	0.001		83	0.264
2	GE 262926	172668	WIDE FLAT 220x10 S235/275JR 6.1m	0.09	0.17	0.56	0.021	0.033	0.15	0.02	0.17	0.44	0.001	0.001	0.001	0.002		77	0.256
3	GE 262971	172677	WIDE FLAT 250x12 S235/275JR 6.1m	0.10	0.16	0.56	0.013	0.032	0.18	0.01	0.15	0.50	0.001	0.001	0.001	0.001		90	0.280
4	GE 262977	172677	WIDE FLAT 250x12 S235/275JR 6.1m	0.11	0.18	0.53	0.022	0.031	0.17	0.01	0.14	0.41	0.001	0.002	0.001	0.004		89	0.275
5	GE 263281	172677	WIDE FLAT 250x12 S235/275JR 6.1m	0.10	0.17	0.53	0.017	0.026	0.12	0.03	0.16	0.48	0.001	0.001	0.001	0.002		74	0.259

It.	Cast	Origin	CE			Bundles / Coils	Weight t	Section mm2	Section %	Tensile test Re-MP	Rm/MPa	Rm/Re	Ag %	As,65 %		Ribs fR	Impact test Positio	K1 J	K2 J	K3 J	Aver. J	T°c
1	GE 262925	Gerlafingen	780			7				309	439			41.7								
2	GE 262926	Gerlafingen	780			2				330	443			37.7								
3	GE 262971	Gerlafingen	780			2				311	440			38.5								
4	GE 262977	Gerlafingen	780			7				301	438			38.3								
5	GE 263281	Gerlafingen	780			3				305	434			37.7								

Inspector	Factory		Date	Quality Assurance Dept.
	Gerlafingen		30.05.2018	H.-J. Opatz

MATERIAL AND TEST CERTIFICATE SUPPLIED BY
ARCELORMITTAL DOWNSTREAM SOLUTIONS -
DISTRIBUTION WEST EUROPE LONG PRODUCTS LIMITED
YOUR ORDER REF VBL PHIL
ADVICE NOTE NO. 406235
SIGNED
THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE

18577

Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 397014
Mill Ref....: S235/275JR Cast No.....: GE262925 Weight: 0.214 Pieces: 2
Size: 6.200 Product: FLAT220*10 Child Batch No: 397014

STAHL GERLAFINGEN
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CH-4563 Gerlafingen
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www.stahl-gerlafingen.com - info@stahl-gerlafingen.com

Declaration of performance

CE
0780
18
0780-CPD-52003

Consignee:

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

Inspection document no.: 80488497.01
Delivery note: 80488497

1	Identification product code	Steel grade / material no.						
2	Identification of the product	Certificate, delivery note and label						
3	Intended use	Hot-rolled structural steel products for metal building structures or in composite concrete composite structures according to EN 10025-1:2004						
4	Manufacturer	Stahl Gerlafingen AG Postfach CH-4563 Gerlafingen CHE-105.859.757 MWST www.stahl-gerlafingen.com - info@stahl-gerlafingen.com						
5	System to evaluate the performance according to regulation (EU) no 305/2011	System 2+						
6	Notified body	TÜV Rheinland Bautechnik GmbH (0780) Tillystrasse 2 D-90431 Nürnberg						
7	Tasks of the notified body	The notified body has performed the initial inspection of factory and factory production control and the continuous surveillance, assessment and approval of factory production control and has issued the certificate 0780-CPD-52003.						
8	Declared performance	Thickness [mm]	S235 JR/J0/J2	S275 JR/J0/J2	S235/S275 JR/J0/J2	S355 JR/J0/J2	EN 10025-2: 2004	Tolerances on dimensions and shape
	Yield strength ReH [MPa]	<= 16	>= 235	>= 275	>= 275	>= 355		Flat bars in accordance with EN 10058, wide flat bars in accordance with DIN 59200 and angles in accordance with EN 10056-1 and tolerances in accordance with EN 10056-2
		> 16 / <= 40	>= 225	>= 265	>= 265	>= 345		
	Tensile strength Rm [MPa]	>= 3 / <= 100	>= 360 / <= 510	>= 410 / <= 560	>= 410 / <= 510	>= 470 / <= 630		
	Elongation A5.65[%]	>= 3 / <= 40	>= 26	>= 23	>= 26	>= 22		European wide flange beams HEB/IPB and HEA/IPB in accordance with DIN 1025-2 and -3 and tolerances in accordance with EN 10034
	Impact strength [J]	<= 150	>= 27	>= 27	>= 27	>= 27		
		Temperature: JR at 20°C / J0 at 0°C / J2 at -20°C						
	Weldability CEV [%]	<= 30	<= 0.35	<= 0.40	<= 0.35	<= 0.45		European beams IPE in accordance with DIN 1025-5 and tolerances in accordance with EN 10034
		> 30 / <= 40	<= 0.35	<= 0.40	<= 0.35	<= 0.47		
	Suitable for zinc coating	Classes 2 and 3						
	Durability	No performance determined						
	Non-radioactivity is controlled.							European taper flange channels UPN in accordance with DIN 1025-5 and tolerances in accordance with EN 10279
	Regulated material: No performance determined.							
	Electric arc furnace (>95% recycling content). Environmental product declaration ICQM - 14011EPD.							

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of Stahl Gerlafingen AG by: Gerlafingen, 30.05.2018

René Bollier
Country Manager

Dr. Christoph Zeltner
Head of improvement management

397015

Inspection Certificate

Page 1/2

STAHL GERLAFINGEN
AFV BELTRAME GROUP
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CHE-105.859.757 MWST
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61432

CE
0780
18
0780-CPD-52003

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

Inspection document no.:	80488601.01
Inspection certificate:	EN 10204 - 3.1
Steel grade:	S235JR/S275JR+AR
Material no.:	1.0038/1.0044
Confirmation of order:	169722
Purchase order.	email 17.04.2018 dated 17.04.2018
by e-mail	
Delivery note:	80488601

It.	Head of improveme	Article-No.	Description	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %	Cu %	V %	Nb %	Ti %	Al %	Ca %	N ppm	CEV %
1	GE 263178	172679	WIDE FLAT 250x20 S235/275JR 6.1m	0.10	0.17	0.53	0.015	0.024	0.14	0.01	0.13	0.39	0.002	0.001	0.001	0.002		77	0.254
2	GE 263198	172679	WIDE FLAT 250x20 S235/275JR 6.1m	0.10	0.17	0.55	0.012	0.029	0.11	0.01	0.15	0.40	0.001	0.001	0.001	0.002		88	0.259
3	GE 263179	172679	WIDE FLAT 250x20 S235/275JR 6.1m	0.10	0.18	0.55	0.015	0.023	0.15	0.04	0.13	0.45	0.001	0.001	0.001	0.002		79	0.272
4	GE 263175	172679	WIDE FLAT 250x20 S235/275JR 6.1m	0.10	0.16	0.57	0.027	0.033	0.24	0.02	0.18	0.51	0.002	0.001	0.001	0.001		91	0.289
5	GE 263222	172812	WIDE FLAT 250x25 S235/275JR 6.1m	0.13	0.17	0.59	0.015	0.034	0.12	0.02	0.14	0.37	0.001	0.001	0.001	0.002		98	0.290
6	GE 263376	172812	WIDE FLAT 250x25 S235/275JR 6.1m	0.11	0.17	0.59	0.017	0.025	0.19	0.01	0.18	0.42	0.001	0.001	0.001	0.002		88	0.289

It.	Cast	Origin	CE			Bundles / Coils	Weight t	Section mm2	Section %	Tensile test ReH/MPa	Tensile test Rm/MPa	Tensile test Rm/Re	Tensile test Agt %	Tensile test As,05 %	Ribs IR	Impact test Positio	Impact test K1 J	Impact test K2 J	Impact test K3 J	Impact test Aver. J	Impact test T°c
1	GE 263178	Gerlafingen	780			3				292	425			38.5							
2	GE 263198	Gerlafingen	780			2				288	423			34.7							
3	GE 263179	Gerlafingen	780			1				297	435			38.0							
4	GE 263175	Gerlafingen	780			4				294	437			37.8							
5	GE 263222	Gerlafingen	780			9				289	441			36.0							
6	GE 263376	Gerlafingen	780			1				288	444			34.4							

Inspector	Factory Gerlafingen		Date 30.05.2018	Quality Assurance Dept. H.-J. Opatz

MATERIAL AND TEST CERTIFICATE SUPPLIED BY
ARCELORMITTAL DOWNSTREAM SOLUTIONS -
DISTRIBUTION WEST EUROPE LONG PRODUCTS LIMITED
YOUR ORDER REF VBL PHIL
ADVICE NOTE NO 406235/6
SIGNED
THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE

18589

Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 397015
Mill Ref....: S235/275JR Cast No.....: GE263175 Weight: 0.973 Pieces: 4
Size: 6.200 Product: FLAT250*20 Child Batch No: 397015

STAHL GERLAFINGEN
AFV BELTRAME GROUP
Stahl Gerlafingen AG
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Declaration of performance

CE
0780
18
0780-CPD-52003

Consignee:

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

Inspection document no.: 80488601.01
Delivery note: 80488601

1	Identification product code	Steel grade / material no.						
2	Identification of the product	Certificate, delivery note and label						
3	Intended use	Hot-rolled structural steel products for metal building structures or in composite concrete composite structures according to EN 10025-1:2004						
4	Manufacturer	Stahl Gerlafingen AG Postfach CH-4563 Gerlafingen CHE-105.859.757 MWST www.stahl-gerlafingen.com - info@stahl-gerlafingen.com						
5	System to evaluate the performance according to regulation (EU) no 305/2011	System 2+						
6	Notified body	TÜV Rheinland Bautechnik GmbH (0780) Tillystrasse 2 D-90431 Nürnberg						
7	Tasks of the notified body	The notified body has performed the initial inspection of factory and factory production control and the continuous surveillance, assessment and approval of factory production control and has issued the certificate 0780-CPD-52003.						
8	Declared performance	Thickness [mm]	S235 JR/J0/J2	S275 JR/J0/J2	S235/S275 JR/J0/J2	S355 JR/J0/J2	EN 10025-2: 2004	Tolerances on dimensions and shape
	Yield strength ReH [MPa]	<= 16	>= 235	>= 275	>= 275	>= 355		Flat bars in accordance with EN 10058, wide flat bars in accordance with DIN 59200 and angles in accordance with EN 10056-1 and tolerances in accordance with EN 10056-2
		> 16 / <= 40	>= 225	>= 265	>= 265	>= 345		
	Tensile strength Rm [MPa]	>= 3 / <= 100	>= 360 / <= 510	>= 410 / <= 580	>= 410 / <= 510	>= 470 / <= 630		
	Elongation A5,65[%]	>= 3 / <= 40	>= 26	>= 23	>= 26	>= 22		European wide flange beams HEB/IPB and HEA/IPBl in accordance with DIN 1025-2 and -3 and tolerances in accordance with EN 10034
	Impact strength [J]	<= 150	>= 27	>= 27	>= 27	>= 27		
		Temperature: JR at 20°C / J0 at 0°C / J2 at -20°C						
	Weldability CEV [%]	<= 30	<= 0.35	<= 0.40	<= 0.35	<= 0.45		European beams IPE in accordance with DIN 1025-5 and tolerances in accordance with EN 10034
		> 30 / <= 40	<= 0.35	<= 0.40	<= 0.35	<= 0.47		
	Suitable for zinc coating	Classes 2 and 3						European taper flange channels UPN in accordance with DIN 1026-1 and tolerances in accordance with EN 10279
	Durability	No performance determined						
	Non-radioactivity is controlled.							
	Regulated material: No performance determined.							
	Electric arc furnace (>95% recycling content). Environmental product declaration ICQM - 14011EPD.							

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of Stahl Gerlafingen AG by: Gerlafingen, 30.05.2018

René Bollier
Country Manager

Dr. Christoph Zeltner
Head of improvement management

398213

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP CELSA MANUFACTURING UK

CE
LRV ID N: 0038
06
Cert No: 0638/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
PITCHFORD STEELSTOCK LTD
PEDMORE ROAD INDUSTRIAL ESTATE
DY5 1TH BRIERLEY HILL
United Kingdom

Destination:
PITCHFORD STEELSTOCK LTD
PEDMORE ROAD INDUSTRIAL ESTATE
DY5 1TH BRIERLEY HILL
United Kingdom

Delivery number: 2550124214
Order number :15693440
Your order :PO020452

CT0065467 CT0065546 DN0843230001

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	ReH MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
S275 JR+AR FL250X10 6.6m	CM120972	0.13	0.64	0.16	0.034	0.026	0.159	0.011	0.14	0.46	0.020	0.001	0.268	318	449	30.1					
S275 JR+AR FL250X10 6.6m	CM120972	0.13	0.64	0.16	0.034	0.026	0.158	0.011	0.14	0.46	0.020	0.001	0.268	321	455	46.4					
S275 JR+AR FL250X10 6.6m	CM120972	0.13	0.64	0.16	0.034	0.026	0.158	0.011	0.14	0.46	0.020	0.001	0.268	312	444	46.6					
S275 JR+AR FL250X10 6.6m	CM120973	0.13	0.64	0.16	0.029	0.029	0.159	0.010	0.13	0.47	0.024	0.002	0.270	315	450	46.8					
S275 JR+AR FL250X10 6.6m	CM120973	0.13	0.64	0.16	0.029	0.029	0.159	0.010	0.13	0.47	0.024	0.002	0.270	309	444	46.7					
S275 JR+AR FL250X10 6.6m	CM120973	0.13	0.64	0.16	0.029	0.029	0.159	0.010	0.13	0.47	0.024	0.002	0.270	309	449	46.1					
S275 JR+AR FL250X10 6.6m	CM120973	0.13	0.64	0.16	0.029	0.029	0.159	0.010	0.13	0.47	0.024	0.002	0.270	309	449	46.1					

The materials has been evaluated and radiation is within national limits

Product suitable for galvanizing: 0.15<=Si<=0.25 & P<=0.035

Steel making process :
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.

Cardiff, 15.08.2018

Bruce Thomas
Quality Manager

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Despatch No.: 205041 Date: 05/09/18 S/O No.: 211295
Cust Name: WELDRITE STRUCTURES LTD Cust Ref: WSL10002/C1255 Parent: 398213
Mill Ref....: S275JR Cast No....: CM120972 Weight: 0.730 Pieces: 6 Size: 6.200
Product: FLAT250*10 Child Batch No: 398213