



TATA STEEL UK LIMITED
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A01

INSPECTION CERTIFICATE

A02

Date	4/12/13	Z02
Cert No.	SPLA/13/00330029/1	A03

In Accordance with EN10204 3.1
Product manufactured under a Management System approved to ISO 9001

Customer OY LEPPINEN STEEL LTD TERASTIE 2 FIN-61400 YLISTARO YLISTARO FINLAND	A06	CSI:2864053	Tata Steel Ref. No.	60839/ 5	A08	Works Order/Item No.	55/ 282/ 2	A08
			Customers Order No.	TL-701/14				A07
			Inspection	WORKS INSPECTION	A11	Specification/Product	EN10025-2:2004 S355K2+N	B01/B02
				Plates 6000 X 2000 X 12.00mm		Piece Weight 1130.4Kg	"N"- Normalised Rolled.	B09-B12



B06/A10 SP OY LEPPINEN/TL-701/14/ PPU60839/VAASA/ EN10025-2:2004 S355K2+N

L=Longitudinal		T=Transverse		Z=Through Thickness		S=Sub-Surface		M=Mid-Thickness		Q=Quarter-Thickness		TH=Third-Thickness		BS=Bottom Surface		A=Supply Condition		N=Normalised		SR=Stress Relieved		SA=Strain Aged									
B08	B07	B07	C02	C11	C12	C14	C13	C02	C01	Charpy Impact				Steelmaking Process:										C70							
Quantity	Cast/Heat No.	Piece No.	Dir	Yield Stress Re	Tensile Strength Rm	Re Rm %	Elong% A Lo =	Dir	Pos	KV2				B.O.S.										C71-92							
				MPa		5.65/Sc		40 Av/ 28 Ind @ -20C		ANALYSIS %										CEV											
Specification				Min	470	20	40 Av/ 28 Ind @ -20C				C	Si	Mn	P	S	Cr	Mo	Ni	Al	Cu	Nb	B	Sn	Ti	N	V	CEV				
				Max	630						.20	.55	1.60	.025	.025	0.300	.080	.300	.020	.003	.0008	.050	.100			.45					
1	72680	TH830/ 1	T	450	585		25	L	S	-20C	172	108	153	144	.15	.39	1.46	.010	.002	0.021	.002	.015	.037	.012	.034	.0001	.002	.003	.005	.003	.40
1	72680	TH830/ 2	T	450	585		25	L	S	-20C	172	108	153	144	.15	.39	1.46	.010	.002	0.021	.002	.015	.037	.012	.034	.0001	.002	.003	.005	.003	.40
1	72680	TH830/ 3	T	450	585		25	L	S	-20C	172	108	153	144	.15	.39	1.46	.010	.002	0.021	.002	.015	.037	.012	.034	.0001	.002	.003	.005	.003	.40
1	72907	TH893/ 1	T	463	583		26	L	S	-20C	181	170	172	174	.16	.38	1.41	.011	.005	0.025	.007	.020	.034	.027	.029	.0001	.002	.003	.006	.004	.41
1	72907	TI883/ 1	T	444	590		28	L	S	-20C	152	145	180	159	.16	.38	1.41	.011	.005	0.025	.007	.020	.034	.027	.029	.0001	.002	.003	.006	.004	.41
1	72907	TI883/ 2	T	444	590		28	L	S	-20C	152	145	180	159	.16	.38	1.41	.011	.005	0.025	.007	.020	.034	.027	.029	.0001	.002	.003	.006	.004	.41
1	72907	TI888/ 2	T	444	590		28	L	S	-20C	152	145	180	159	.16	.38	1.41	.011	.005	0.025	.007	.020	.034	.027	.029	.0001	.002	.003	.006	.004	.41
1	72907	TI888/ 3	T	444	590		28	L	S	-20C	152	145	180	159	.16	.38	1.41	.011	.005	0.025	.007	.020	.034	.027	.029	.0001	.002	.003	.006	.004	.41
1	72907	TI899/ 1	T	444	590		28	L	S	-20C	152	145	180	159	.16	.38	1.41	.011	.005	0.025	.007	.020	.034	.027	.029	.0001	.002	.003	.006	.004	.41
1	72907	TI899/ 3	T	444	590		28	L	S	-20C	152	145	180	159	.16	.38	1.41	.011	.005	0.025	.007	.020	.034	.027	.029	.0001	.002	.003	.006	.004	.41
1	72907	TI900/ 1	T	444	590		28	L	S	-20C	152	145	180	159	.16	.38	1.41	.011	.005	0.025	.007	.020	.034	.027	.029	.0001	.002	.003	.006	.004	.41
1	72907	TI900/ 2	T	444	590		28	L	S	-20C	152	145	180	159	.16	.38	1.41	.011	.005	0.025	.007	.020	.034	.027	.029	.0001	.002	.003	.006	.004	.41
1	72907	TI900/ 3	T	444	590		28	L	S	-20C	152	145	180	159	.16	.38	1.41	.011	.005	0.025	.007	.020	.034	.027	.029	.0001	.002	.003	.006	.004	.41
13	Pieces in Total																														

CE Marking Certificate Number = 0038/CPD/20050001A

On behalf of Tata Steel UK Limited, the manufacturer.
These results are certified by Tata Steel UK Limited and comply with the requirements of the Product Description.

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R.J.Preston, Test House Manager, Scunthorpe

Z02