



1035  
HR00006\_CPR2013-07-01\_CA\_V007

# LIBERTY GALATI S.A. - Romania



INSPECTION CERTIFICATE 429318  
ACCORDING TO : EN 10204/2004/3.1  
DATE : 19.09.2022

ORDER / COMANDA : 902073 / 50086120  
DISPATCH / AVIZ EXPEDITIE : 7001660914  
WAGON / IB TRANSPORT : NR 654 (EX.300550)  
TRACKING NO. :  
PO.NO. : 4

TOTAL NUMBER OF PIECES: 139 / TOTAL WEIGHT: 612.800,00 KG

NO NR	COIL NO NR.RULOU	HEAT NO SARJA	CUST.MAT.CODE COD.MAT.CLIENT	DIMENSIONS DIMENSIUNI	WEIGHT GREUTATE	PC BUC	TEST NO NR. PROBA	UTS Rm	YTS Re	EL(%) A
40	104597/5	Y929895		MMxMMxMM	TO					
41	106363/1	Y930986		10,00x1500x6000	2,20	1	104597	MPa	MPa	Lo mm
42	106363/2	Y930986		10,00x1500x6000	4,31	1	106363	412	282	90
43	106363/3	Y930986		10,00x1500x6000	4,31	1	106363	481	331	90
44	106363/4	Y930986		10,00x1500x6000	4,33	1	106363	481	331	90
45	106363/5	Y930986		10,00x1500x6000	4,33	1	106363	481	331	90
46	106363/2	Y930986		10,00x1500x6000	5,07	1	106363	481	331	90
47	106363/3	Y930986		10,00x1500x6000	4,31	1	106363	481	331	90
48	106363/4	Y930986		10,00x1500x6000	4,32	1	106363	476	354	90
49	106363/5	Y930986		10,00x1500x6000	4,33	1	106363	476	354	90
50	106357/1	Y931489		10,00x1500x6000	4,33	1	106357	476	305	90
51	106357/2	Y931489		10,00x1500x6000	4,33	1	106357	476	305	90
52	106357/3	Y931489		10,00x1500x6000	4,33	1	106357	444	305	90
53	106357/4	Y931489		10,00x1500x6000	4,33	1	106357	444	305	90
54	106357/5	Y931489		10,00x1500x6000	4,33	1	106357	444	305	90
55	106358/1	Y931489		10,00x1500x6000	5,05	1	106357	444	305	90
56	106358/2	Y931489		10,00x1500x6000	4,33	1	106357	444	305	90
57	106358/3	Y931489		10,00x1500x6000	4,33	1	106357	444	305	90
58	106358/4	Y931489		10,00x1500x6000	4,33	1	106357	444	305	90
59	106358/5	Y931489		10,00x1500x6000	4,33	1	106357	444	305	90
60	106359/1	Y931489		10,00x1500x6000	5,05	1	106357	444	305	90
61	106359/2	Y931489		10,00x1500x6000	4,33	1	106357	444	305	90
62	106359/3	Y931489		10,00x1500x6000	4,33	1	106359	430	290	90
63	106359/4	Y931489		10,00x1500x6000	4,33	1	106359	430	290	90
64	106359/5	Y931489		10,00x1500x6000	4,33	1	106359	430	290	90
65	106360/1	Y931489		10,00x1500x6000	5,04	1	106359	430	290	90
66	106360/2	Y931489		10,00x1500x6000	4,34	1	106360	426	288	90
67	106360/3	Y931489		10,00x1500x6000	4,34	1	106360	426	288	90
68	106360/4	Y931489		10,00x1500x6000	4,34	1	106360	426	288	90
69	106360/5	Y931489		10,00x1500x6000	4,34	1	106360	426	288	90
70	106349/1	Y917397		12,00x1500x6000	5,07	1	106349	432	276	100
71	106349/2	Y917397		12,00x1500x6000	4,34	1	106349	432	276	100
72	106349/3	Y917397		12,00x1500x6000	4,34	1	106349	432	276	100
73	106349/4	Y917397		12,00x1500x6000	4,35	1	106349	432	276	100
74	106349/5	Y917397		12,00x1500x6000	4,35	1	106349	432	276	100
75	106350/1	Y917397		12,00x1500x6000	4,34	1	106349	432	276	100
76	106350/2	Y917397		12,00x1500x6000	4,34	1	106349	432	276	100
77	106350/3	Y917397		12,00x1500x6000	4,34	1	106349	432	276	100
78	106350/4	Y917397		12,00x1500x6000	4,34	1	106349	432	276	100
79	106350/5	Y917397		12,00x1500x6000	5,19	1	106349	432	276	100

CHEMICAL COMPOSITION (%) - L = Heat, P = Product

HEAT NO	C	Si	Mn	P	S	Al	Ti	V	Cu	Ni	Cr	Mo	Nb	B	N2	Ca	CEV2
L 917397	0,15	0,01	0,81	0,017	0,009	0,032	0,001	0,003	0,05	0,03	0,06	0,020	0,002	0,0001	0,0066	0,0004	0,31
L 929895	0,12	0,01	0,66	0,012	0,013	0,034	0,001	0,002	0,04	0,04	0,02	0,003	0,001	0,0001	0,0079	0,0002	0,24
L 930986	0,15	0,01	0,99	0,013	0,009	0,034	0,001	0,003	0,06	0,04	0,02	0,003	0,001	0,0002	0,0098	0,0002	0,33
L 931489	0,15	0,01	0,78	0,008	0,013	0,040	0,001	0,002	0,05	0,03	0,02	0,004	0,002	0,0001	0,0088	0,0003	0,29

Steelmaking process:  
Made by BOF-Continuous Casting  
Galvanizing class  
Carbon equivalent formula:  
CEV2 = C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15

Delivery condition: Asrolled  
Checking of marking, surface, shape and dimensions ok  
Surface: EN 10163/2-2004, class A, subclass 3  
Tolerance:  
Sizes: EN 10051-2010  
Flatness: EN 10051-2010

Personnel qualification:

THIRD PART INSPECTION  
SIGNATURE  
INSPECTOR'S STAMP

HEAD OF QUALITY CONTROL  
BOSS IONUT  
LIBERTY GALATI S.A.  
BASA TORICA  
INSPECTOR



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We hereby certify that the material has been made by an approved process and satisfactorily tested in accordance with the requirements specified in the order with satisfactory results. All raw materials used in steel production are tested for radioactive contamination. Therefore we guarantee that our products are free of radioactive contamination and do not exceed the clearing limit value of 0,1 Bq/g, according with the Radiation Protection Ordinance (BtrSchV Annex III, Section 5)