



AESW
ABRSK
ELECTRIC STEEL
WORKS

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№ 2317/3-2020



№ 1905

SIF

№. 11218

Quality Certificate 3.1 - EN 10204:2004 No. 2220153 dated 26/04/2022

Consignee:
Product name:

East Team OU
Reinforcing steel Lot 4

Grade: B500A
B500NA
K500A-B-W

Standard: DIN 488, SFS 1300:2020
NS 3576-1:2005
EN 10080:2005+SS 212540:2014

Type of package: COIL
Thickness, mm: Ø 5.0

Rolling marking 9/31

№	Batch no.	Heat no.	C	Si	Mn	S	P	Cu	Cr	Ni	Mo	V	N	Caq	Tensile strength, Rm N/mm2	Conditional yield strength Rp0.2, N/mm2	Elongation Agt, %	Rm/Rp0.2	Linear density, kg/m	Deviation from the nominal cross-sectional area ΔA, %	Relative rib area, R _r	Rebend test	Unit	Quantity	Mass, tons
13	017002630	2202062	0.12	0.16	0.64	0.015	0.019	0.26	0.13	0.12	0.014	0.004	0.002	0.282	570	4	1.10	0.218	-1.8	0.071	Satisfactory	coils	3	8.826	
14	017002631	2202066	0.10	0.18	0.64	0.013	0.021	0.23	0.12	0.11	0.011	0.001	0.004	0.256	570	4	1.08	0.213	-1.9	0.080	Satisfactory	coils	1	2.864	
15	017002633	2111931	0.09	0.18	0.55	0.007	0.013	0.27	0.10	0.11	0.011	0.003	0.003	0.246	581	4	1.08	0.220	-1.1	0.057	Satisfactory	coils	1	8.856	
16	017002634	2110972	0.11	0.16	0.61	0.005	0.006	0.33	0.10	0.11	0.010	0.003	0.013	0.250	611	3.8	1.08	0.220	0.4	0.072	Satisfactory	coils	2	5.992	
17	017002635	2202064	0.11	0.16	0.60	0.008	0.016	0.33	0.11	0.11	0.012	0.004	0.004	0.250	602	3.8	1.09	0.220	-1.1	0.070	Satisfactory	coils	1	2.888	
18	017002636	2111822	0.09	0.17	0.64	0.008	0.013	0.27	0.11	0.12	0.009	0.002	0.012	0.248	589	3.6	1.08	0.220	-1.1	0.058	Satisfactory	coils	1	2.932	
19	017002637	2111822	0.10	0.17	0.62	0.011	0.012	0.23	0.11	0.12	0.009	0.002	0.011	0.248	573	3.6	1.09	0.220	-1.1	0.059	Satisfactory	coils	1	2.810	
20	017002638	2111822	0.10	0.18	0.62	0.010	0.016	0.24	0.10	0.10	0.007	0.003	0.010	0.249	587	3.5	1.08	0.220	-1.1	0.059	Satisfactory	coils	1	2.948	
21	017002640	2201003	0.10	0.18	0.63	0.013	0.019	0.24	0.11	0.10	0.008	0.003	0.008	0.252	620	3.5	1.08	0.220	-1.1	0.056	Satisfactory	coils	1	2.982	
22	017002645	2202961	0.10	0.17	0.63	0.005	0.010	0.23	0.12	0.11	0.013	0.003	0.011	0.255	574	3.5	1.08	0.215	-3.2	0.080	Satisfactory	coils	10	29.544	
23	017002677	2202961	0.10	0.17	0.63	0.005	0.010	0.23	0.12	0.11	0.013	0.003	0.011	0.255	602	3.5	1.08	0.220	-1.1	0.056	Satisfactory	coils	6	17.986	

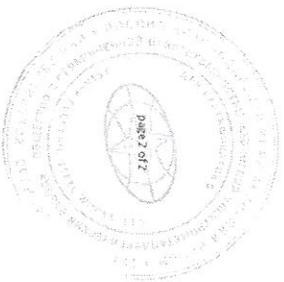
Total: 30 88,648

Product marked in Certificate conforms to effective Standards and Technical Specifications

Please refer to Certificate No. in case of any correspondence concerning the quality matter

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PAGE 1	CUSTOMER EESTI TRAAIT OÜ	DESTINATION Lõuna tee 10, Loo
ORDER 22/15622	DENOMINATION STANDARD DIN 486-2 / SFS 1300 / NS 3576-3 / SS 212540	GRADE B 500 B / B 500 NC / K 500 C-T
		DATE 11/07/2022

REMARKS
Dimensions in mm
Re and Rm in MPa (N/mm ²)
Elongation and Agt %


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Nº	Ø	LENGTH	CHEMICAL COMPOSITION OF THE STEEL IN % OF:										MEASUREMENT OF RIBS							TENSILE TESTS					BEND-REBEND
			C	P	S	Cu	SI	Mn	N	Ceq	h	c	PSC	IR	%WI	Re	Rm	Rm/Re	%A	Agt					
20967712	12	6000	0.21	0.016	0.040	0.40	0.17	0.93	0.009	0.44	0.97	6.7	3.6	0.087	-1.9	566	676	1.19	23.3	13.0	S				
20967713	12	12000	0.21	0.016	0.040	0.40	0.17	0.93	0.009	0.44	0.97	6.7	3.6	0.087	-1.9	566	676	1.19	23.3	13.0	S				
21040711	12	12000	0.19	0.013	0.035	0.32	0.13	0.94	0.009	0.41	0.96	6.7	4.0	0.085	-1.8	550	659	1.20	22.9	10.8	S				
21040812	12	6000	0.20	0.013	0.034	0.29	0.14	0.92	0.009	0.41	0.94	6.7	3.8	0.084	-2.3	549	656	1.20	22.8	11.5	S				
21040911	12	12000	0.21	0.013	0.034	0.33	0.15	0.92	0.009	0.42	0.97	6.7	3.7	0.087	-2.1	555	663	1.20	22.9	10.8	S				
21041011	12	12000	0.22	0.015	0.035	0.33	0.18	0.94	0.010	0.44	0.98	6.7	3.8	0.088	-1.9	579	677	1.17	23.1	11.1	S				



SBS
CERT N° A1/013



IDENTIFICATION MARKS

QUALITY DEPARTMENT