

İSTANBUL, TÜRKİYE

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CUSTOMER : NORDESFER - ARMATENS DE FERRO, S.A. LUGAR DA RIBEIRA-S. PEDRO DE AVISO

AP. 2026, CASTELO DA MAIA, 4471-908 STA. MARIA DE AVISO, PORTUGAL

DESTINATION : AVISO, PORTUGAL

ORDER NO : 01/080128BY

DATE : 25.02.2008

STANDARD : E 449 :1998

TYPE : A400 NR

SIZE Ø40 : 8MM / LENGTH (M) : 12M

IN QUALITY A400 NR

MILL'S CERTIFICATION OF ANALYSIS

CHEMICAL ANALYSIS PER HEAT AND SIZE

HEAT NO	%C	%P	%S	%N	%Cu	So (mm2)	Fe N/mm2	Mn N/mm2	Rn/Rn	(%) Agt	a med. (mm)	CL	C2	EFi (mm)	fr	REMARK
02-3-293	.21	.034	.035	.010	.40	50.32	479.41	604.90	1.26	10.20	0.760	6.300	5.100	1.800	0.082	OK
						50.20	481.37	597.06	1.24	10.20	0.760	6.300	5.100	1.800	0.082	OK
						50.45	483.33	604.90	1.25	10.60	0.760	6.300	5.100	1.800	0.082	OK
						50.32	482.35	603.92	1.25	10.30	0.760	6.300	5.100	1.800	0.082	OK
						50.58	480.39	596.08	1.24	10.50	0.760	6.300	5.100	1.800	0.082	OK
02-3-302	.22	.030	.045	.011	.41	50.32	479.41	604.90	1.26	10.70	0.760	6.300	5.100	1.800	0.082	OK
						50.45	481.37	606.86	1.26	10.90	0.750	6.300	5.100	1.800	0.081	OK
						50.20	479.41	600.00	1.25	10.20	0.750	6.300	5.100	1.800	0.081	OK
						50.58	481.37	598.04	1.24	10.60	0.750	6.300	5.100	1.800	0.081	OK
						50.32	478.43	598.04	1.25	10.30	0.750	6.300	5.100	1.800	0.081	OK
02-3-303	.22	.025	.020	.012	.40	50.45	477.45	601.96	1.26	10.90	0.750	6.300	5.100	1.800	0.081	OK
						50.07	482.35	602.94	1.25	10.40	0.750	6.300	5.100	1.800	0.081	OK
						50.20	484.31	600.98	1.24	10.60	0.750	6.300	5.100	1.800	0.081	OK
						50.58	476.47	600.00	1.26	10.10	0.750	6.300	5.100	1.800	0.081	OK
						50.71	483.33	599.02	1.24	10.40	0.750	6.300	5.100	1.800	0.081	OK
02-3-304	.22	.031	.033	.012	.42	50.07	481.37	606.86	1.26	10.80	0.750	6.300	5.100	1.800	0.081	OK
						50.20	480.39	600.98	1.25	10.20	0.750	6.300	5.100	1.800	0.081	OK
						50.45	478.43	593.14	1.24	10.30	0.750	6.300	5.100	1.800	0.081	OK
						50.32	479.41	599.02	1.25	10.50	0.740	6.300	5.100	1.800	0.080	OK
						50.58	477.45	601.96	1.26	10.70	0.740	6.300	5.100	1.800	0.080	OK
02-3-306	.21	.031	.032	.010	.40	49.94	484.31	600.98	1.24	10.60	0.740	6.300	5.100	1.800	0.080	OK
						50.45	483.33	597.06	1.24	10.40	0.740	6.300	5.100	1.800	0.080	OK
						50.20	482.35	602.94	1.25	10.20	0.740	6.300	5.100	1.800	0.080	OK
						50.32	481.37	606.86	1.26	10.10	0.740	6.300	5.100	1.800	0.080	OK
						50.45	477.45	592.16	1.24	10.60	0.730	6.300	5.100	1.800	0.079	OK

NORDESFER S.A.

GUIA REMESSA NR. 823209

FACTURA NR.

DESTINO Fxw 325/09

DEPARTAMENTO QUALIDADE



NORDESFER
ARMATENS DE FERRO, S.A.
LUGAR DA RIBEIRA-S. PEDRO AVISO
APARTADO 2026 - CASTELO DA MAIA
4471-908 STA. MARIA AVISO

INSPECTION CERTIFICATE 3.1 - EN 10204-2004

LNEC CLASSIFICATION DOCUMENT NR : DC 125

LICENCE NR CERTIF CERTIFIED PRODUCT MARK : PSG-002/2005

Quality Department



İÇDAŞ ÇELİK ENERJİ TERSANE VE ULAŞIM
SANAYİ VE TİCARET ŞİRKETİ