

M.E.G.A.

CLIENTE
Customer
Client

PROVEEDORA DE MATERIALES ANKER
SA DE CV
ALFONSO REYES 4030 NTE.
COL. DEL NTE. MONTERREY, N.L.

CERTIFICATO N. 542158 FOGLIO 3
Certificate N. Sheet
Certificat N. Feuille

DATA / Date 04/07/07

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

ORDINE
Purchase order
Commande

P.O. 207

COMMESSA 80496
Job N.
Confirmation de commande

PROVA Test Epreuve	MATERIALE Steel quality / Matière	COLATA Heat / Coulée	C %	Si %	Mn %	S %	P %	Cr %	Ni %	Mo %	Ti %	Cu %	V %	Al %	CE %
FCXT	ASTM A105/02	15456	0.210 --->	0.270 Nb% = 0.001	0.920 0.001	0.003 B % = 0.000	0.008 0.000	00.11	00.17	0.020	0.002	0.140	0.002	0.025	0.410 CEs = 0.3633
LULB	ASTM A105/05	04/72191	0.200 --->	0.210 Nb% = 0.000	0.890 0.000	0.026 B % = 0.000	0.018 0.000	00.11	00.06	0.010	0.010	0.190	0.002	0.007	0.389 CEs = 0.3483
LULC	ASTM A105/05	16836	0.202 --->	0.260 Nb% = 0.001	0.980 0.002	0.007 B % = 0.000	0.007 0.000	00.13	00.13	0.020	0.002	0.140	0.003	0.027	0.413 CEs = 0.3653
LLAL	ASTM A105/03	71551	0.195 --->	0.220 Nb% = 0.000	0.790 0.014	0.015 0.015	00.10	00.06	0.010	0.017	0.200	0.021	0.022	0.370 CEs = 0.3267	
NDAF	ASTM A105/03	05/77394	0.210 --->	0.180 Nb% = 0.001	0.780 0.007	0.012 B % = 0.000	0.012 0.000	00.10	00.08	0.010	0.000	0.130	0.012	0.000	0.378 CEs = 0.340
NDAU	ASTM A105/05	1T 23944	0.200 --->	0.190 Nb% = 0.003	0.780 0.014	0.010 B % = 0.000	0.010 0.000	00.06	00.08	0.020	0.000	0.160	0.000	0.000	0.362 CEs = 0.330

PROVA Test Epreuve	PROVETTA Test specimen / Epreouvette		SNERVAMENTO N/mm ² ≥ Yield point Limite d'élasticité	ROTTURA N/mm ² ≥ Tensile strength Rupture	ALLUNGAMENTO % ≥ Elongation Allongement	CONTRAZIONE % ≥ Reduction of area Striction	DUREZZA HB Hardness Dureté	PIEGA Bend test Pliage	SCHIACC. Flatt. test Aplattiss.	RESILLENZA Impact test / Résilience			
	SEZIONE Section / Sect.	LUNGHEZZA Length / Longueur								UNITÀ MIS. Unit system	TIPO Type	T. °C Test tmp	VALORE / Value / Données
FCXT	1	30.6 25.0	312.0	538.0	29.6	67.4	154-159			J	KV	0	46-40-48
LULB	1	30.6 25.0	313.0	538.0	29.2	67.3	156-163			J	KV	0	46-56-50
LULC	1	122.6 50.0	364.0	504.0	30.3	68.3	149-156			J	KV	0	48-52-46
LLAL	1	30.6 50.0	364.0	502.0	28.8	53.9	156-170			J	KV	0	42-36-42
NDAF	1	30.1 25.0	355.0	492.0	29.3	54.8	156-163			J	KV	0	58-54-48
NDAU	1	30.6 50.0	307.0	520.0	32.1	69.9	143-146			J	KV	0	50-60-58

PROVA Test Epreuve	NOTE / Remarks / Notes	EN10204/3.1	FORMA Shape / Forme : 1 = ∅ 2 = □
--------------------------	------------------------	-------------	--------------------------------------

FCXT	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.10258.04 MET.LOM.*247523 MEGA*
LULB	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.10029.06 M.L.*530314 MEGA*
LULC	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.10016.06 x BF + 10025.06 x BM*530314 MEGA*
LLAL	ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR.	/CERT.40291.05 FEAT*247656 MEGA*
NDAF	ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR.	/CERT.40056.06 FEAT*531126 MEGA*
NDAU	ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR.	/CERT.40216.06 FEAT*534024 MEGA*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
FCXT	019	1000		UNION S. 3000 NPT A/SA105N 1/2	nut OK
LULB	020	1000		UNION S. 3000 NPT A/SA105N 1	nut OK
LULC	020	2000		UNION S. 3000 NPT A/SA105N 1	male+female OK
LLAL	022	204		UNION S. 3000 NPT A/SA105N 2	nut OK
NDAF	022	382		UNION S. 3000 NPT A/SA105N 2	nut OK
NDAU	022	586		UNION S. 3000 NPT A/SA105N 2	male OK

NOTE / Remarks / Notes	ENTE UFFICIALE DI COLLAUDO Inspection Authority Service Inspection Officiel	CAPO COLLAUDO Chief Inspection DPT Responsable assurance qualité
MATERIAL ACCORDING TO NACE MR0175/ 2003.		DOC. CE M.E.G.A. i