

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. 559102 FOLGIO 1
Certificate N. Sheet
Certificat N. Feuille
DATA / Date 16/09/08

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

ORDINE
Purchase order
Commande

P.O. # 230

COMMESSA 89280
Job N.
Confirmation de commande

PROVA Test Epreuve	MATERIALE Steel quality / Matière	COLATA Heat / Coulee	C %	Si %	Mn %	S %	P %	Cr %	Ni %	Mg %	Ti %	Cu %	V %	Al %	CE %
FUCB	ASTM A105/03	0341848	0.165 --->	0.235 Nb % = 0.003	1.130	0.001 B % = 0.0005	0.010	00.12	00.01	0.003	0.000	0.013	0.002	0.027	0.381
NUFD	ASTM A105/05	2099	0.190 --->	0.190 N % = 0.000	1.030	0.008 Nb % = 0.0006	0.006	00.09	00.17	0.044	0.000	0.280	0.000	0.020	0.418
NTAL	ASTM A105/05	06/79140	0.180 --->	0.210 Nb % = 0.000	0.930	0.010	0.009	00.08	00.05	0.010	0.020	0.150	0.015	0.024	0.369
VTBL	ASTM A105/05	06/72656	0.200 --->	0.210 Nb % = 0.002	0.920	0.009	0.015	00.13	00.07	0.020	0.000	0.180	0.021	0.024	0.404

PROVA Test Epreuve	PROVETTA Test specimen / Epreuvette		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.	RESILIANZA Impact test / Résilience			
	SEZIONE Section / Sect.	LUNGHEZZA Length / Longueur								UNITÀ MIS. Unit system	TIPO Type	T. °C Test tmp	VALORE / Value / Données
FUCB	1	58.0 35.0	300.0	502.0	27.7	75.0	150-155			J	KV	0	280-276-258
NUFD	1	122.6 50.0	314.0	532.0	28.6	66.1	149-156			J	KV	0	48-52-58
NTAL	1	122.6 50.0	297.0	520.0	31.1	68.8	143-149			J	KV	0	46-58-60
VTBL	1	122.6 50.0	323.0	533.0	28.6	67.1	150-155			J	KV	0	48-52-58

PROVA Test Epreuve	NOTE / Remarks / Notes EN10204/3.1	FORMA Shape / Forme : 1 = <input type="checkbox"/> 2 = <input type="checkbox"/>
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FUCB	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.8521.06 MEGA/ISMA*530166 MEGA*
NUFD	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.8971.06 MEGA/ISMA*536087 MEGA*
NTAL	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.8832.06 MEGA/ISMA*533906 MEGA*
VTBL	ELECT. FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR.	/CERT.203.06 CARLOTTO*535539 MEGA*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
FUCB	002	1000		45 DEG. ELBOW S. 3000 NPT A/SA105N 1.1/4	OK
NUFD	002	1000		90 DEG. ELBOW S. 3000 NPT A/SA105N 1.1/4	OK
NTAL	003	1000		90 DEG. ELBOW S. 3000 NPT A/SA105N 1.1/2	OK
VTBL	004	1000		90 DEG. ELBOW S. 3000 NPT A/SA105N 2	OK

NOTE / Remarks / Notes MATERIAL ACCORDING TO NACE MR0175/ 2003.	ENTE UFFICIALE DI COLLAUDO Inspection Authority Service Inspection Official	CAPB COLLAUDO Chief Inspection DPT Responsible assurance qualité DOC. CERT. M.E.G.A. Sergio Appiani
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