

# 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. 544932 FOLIO 2  
Certificata N. Sheet  
Certificat N. Feuille

DATA / Date 29/10/07

CERTIFICATO DI COLLAUDO  
TEST CERTIFICATE  
CERTIFICAT DE CONTROLE

COMPANY  
WITH QUALITY SYSTEM  
CERTIFIED BY DNV  
—ISO 9001—

ORDINE 217  
Purchase order  
Commande

COMMESSA 83530  
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 %
NTUF	ASTM A105/05	1T 25386	0.200 --->	0.300 Nb%= 0.003	0.880	0.015	0.011	0.100	0.080	0.010	0.002	0.170	0.001	0.035 CES%=0.3333	0.385
NULL	ASTM A105/05	06/72991	0.195 --->	0.200 Nb%= 0.000	0.900	0.008	0.011	0.090	0.050	0.010	0.022	0.180	0.017	0.023 CES%= 0.345	0.383
NXBU	ASTM A105/05	0743766/07	0.175 --->	0.230 Nb%=0.0032	1.060	0.001	0.001	0.140	0.060	0.014	0.000	0.053	0.003	0.041 CES%= 0.351	0.390
NXBX	ASTM A105/05	1T 11935	0.200 --->	0.260 Nb%= 0.002	0.910	0.004	0.010	0.070	0.100	0.020	0.002	0.200	0.001	0.027 B %= 0.000	0.389
NXCC	ASTM A105/05	06/72027	0.190 --->	0.190 Nb%= 0.000	0.870	0.012	0.016	0.120	0.060	0.010	0.000	0.160	0.000	0.015 CES%= 0.335	0.375
RATF	ASTM A105-05	1T-26847	0.200 --->	0.240 N %= 0.000	0.910	0.010	0.009	0.090	0.090	0.030	0.002	0.130	0.001	0.028 CES%= 0.351	0.390

PROVA Test Epreuve	PROVETTA Test specimen / Epreouvette		SNERNAMENTO N/mm <sub>2</sub> ≥ 6 Yield point Limite d'élasticité	ROTTURA N/mm <sub>2</sub> ≥ Tensile strength Rupture	ALLUNGAMENTO % ≥ Elongation Allongement	CONTRAZIONE % ≥ Reduction of area Striction	DUREZZA HB Hardness Dureté	PIEGA- Bend test Pliage	SCHIACC. Flatt. test Aplattiss.	RESILIENZA Impact test / Résilience			
	SEZIONE Section / Sect.	LUNGHEZZA Length / Longueur								UNITÀ MIS. Unit system	TIPO Type	T. °C Test temp	VALORE / Value / Données
NTUF	1	59.5	35.0	329.5	512.5	26.7	65.6	149-156		J	KV	0	52-64-66
NULL	1	60.1	35.0	299.0	511.0	31.2	68.4	143-148		J	KV	0	48-52-54
NXBU	1	30.6	25.0	302.4	515.3	31.2	68.5	146-156		J	KV	0	48-56-58
NXBX	1	30.6	25.0	300.0	512.0	31.1	68.1	140-146		J	KV	0	54-50-52
NXCC	1	30.6	25.0	344.0	546.0	28.3	63.9	170-174		J	KV	0	54-52-50
RATF	1	122.7	50.0	320.8	523.6	28.6	57.2	156-159		J	KV	0	50-54-74

NOTE / Remarks / Notes EN10204/3.1

FORMA Shape / Forme : 1 = Ø 2 = □

NTUF	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.8967.06 MEGA/ISMA*536087-MEGA*
NULL	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9085.MEGA/ISMA*537588 MEGA*
NXBU	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9267.MEGA/I*540456 MEGA*
NXBX	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9296.MEGA/I*540951MEGA*
NXCC	ELECT.FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR. /CERT.128.06 EVASI*536529 MEGA*
RATF	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9188 MEGA/I*539529 MEGA*

PROVA Test Epreuve

POS. Item Pos.

QUANTITÀ Quantity Quantité

CODICE CLIENTE Customer code Code client

DESCRIZIONE / Description / Description

VISUAL AND DIMENSIONAL

NTUF	003	3103		90 DEG. ELBOW S. 3000 NPT A/SA105N 1/2	OK
NULL	021	133		TEE S. 3000 NPT A/SA105N 1	OK
NXBU	020	550		TEE S. 3000 NPT A/SA105N 3/4	OK
NXBX	019	1373		TEE S. 3000 NPT A/SA105N 1/2	OK
NXCC	004	327		90 DEG. ELBOW S. 3000 NPT A/SA105N 3/4	OK
RATF	021	1867		TEE S. 3000 NPT A/SA105N 1	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. CERT. M.E.G.A. Bana Pierantonio

M.E.G.A. S.p.A. - VIA DALLA CHIESA 3 - SCANZOROSCIATE (BG) ITALY - TEL +39 035 661280 - TEL FAX +39 035 665535