

# 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 FOLGIO 4  
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 %
NDAX	ASTM A105/05	1T 23944	0.200 ---->	0.190	0.780	0.014 B % = 0.000	0.010	00.06	00.08	0.020	0.000	0.160	0.000	0.000	0.362 CEs= 0.330
NFTB	ASTM A105/05	06/73217	0.205 ---->	0.210	0.790	0.014 Nb% = 0.000 N % = 0.000	0.014	00.10	00.05	0.010	0.000	0.170	0.018	0.000	0.376
NFTC	ASTM A105/05	06/73216	0.195 ---->	0.190	0.770	0.012 Nb% = 0.000 N % = 0.000	0.013	00.12	00.05	0.010	0.000	0.140	0.016	0.000	0.365
NFTD	ASTM A105/05	06/73216	0.195 ---->	0.190	0.770	0.012 Nb% = 0.000 N % = 0.000	0.013	00.12	00.05	0.010	0.000	0.140	0.016	0.000	0.365
NTBT	ASTM A105/05	06/72454	0.195 ---->	0.210	0.910	0.004 Nb% = 0.000 N % = 0.000	0.013	00.09	00.05	0.010	0.018	0.160	0.019	0.023	0.384
NTBU	ASTM A105/05	06/72454	0.195 ---->	0.210	0.910	0.004 Nb% = 0.000 B % = 0.0001	0.013	00.09	00.05	0.010	0.018	0.160	0.019	0.023	0.384 CEs= 0.346

PROVA Test Epreuve	PROVETTA Test specimen / Epreuve		SNERVAMENTO N/mm <sup>2</sup> ≥ Yield point Limite d'élasticité	ROTTURA N/mm <sup>2</sup> ≥ Tensile strength Rupture	ALLUNGAMENTO % ≥ Elongation Allongement	CONTRAZIONE % ≥ Reduction of area Striction	DUREZZA HB Hardness Dureté	PIEGA Band 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 tmp	VALORE / Value / Données
NDAX	1	30.6 50.0	323.0	529.0	29.2	66.3	156-160			J	KV	0	58-54-52
NFTB	1	30.6 25.0	350.0	495.0	29.1	52.8	170-173			J	KV	0	48-52-54
NFTC	1	30.6 25.0	347.0	488.0	29.7	52.8	142-145			J	KV	0	52-54-58
NFTD	1	30.6 25.0	350.0	495.0	29.1	52.8	145-149			J	KV	0	42-48-52
NTBT	1	29.9 25.0	343.4	522.4	27.4	61.1	143-149			J	KV	0	68-72-80
NTBU	1	122.6 50.0	326.0	542.0	29.6	68.5	153-156			J	KV	0	60-60-58

PROVA Test Epreuve	NOTE / Remarks / Notes EN10204/3.1	FORMA Shape / Forme : 1 = ∅ 2 = □
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NDAX	ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR.	/CERT.40218.06 FEAT*534024 MEGA*
NFTB	ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR.	/CERT.40930 RIVA ACCIAI*
NFTC	ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR.	/CERT.40357.06 FEAT*
NFTD	ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR.	/CERT.40358 FEAT*
NTBT	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.9002.06 MEGA/ISMA*536457 MEGA*
NTBU	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.8997.06 MEGA/ISMA*536465 MEGA*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
NDAX	022	204		UNION S. 3000 NPT A/SA105N 2	female OK
NFTB	022	414		UNION S. 3000 NPT A/SA105N 2	nut OK
NFTC	022	414		UNION S. 3000 NPT A/SA105N 2	male OK
NFTD	022	796		UNION S. 3000 NPT A/SA105N 2	female OK
NTBT	023	30		UNION S. 3000 NPT A/SA105N 3	nut OK
NTBU	023	30		UNION S. 3000 NPT A/SA105N 3	female OK

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