

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. 551186 FOGLIO 2
Certificate N. Sheet
Certificat N. Feuille

DATA / Date 01/07/08

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

ORDINE 221
Purchase order
Commande

COMMESSA 84506
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 %
NWNA	ASTM A105/05	24337	0.180 --->	0.250	0.920	0.010	0.015	00.14	00.09	0.020	0.000	0.240	0.000	0.026	0.387
RNTX	ASTM A105/05	0743767/07	0.185 --->	0.250	1.060	0.002	0.011	00.10	00.03	0.007	0.030	0.047	0.003	0.027	0.388
RLTA	ASTM A105/05	07776867	0.190 --->	0.180	0.960	0.006	0.008	00.06	00.04	0.010	0.000	0.120	0.016	0.022	0.377
RRTL	ASTM A105/05	HAT*32381	0.195 --->	0.220	0.970	0.021	0.014	00.14	00.05	0.010	0.010	0.170	0.002	0.005	0.401
RTUU	ASTM A105/05	IT 16361	0.190 --->	0.270	0.910	0.010	0.010	00.11	00.10	0.023	0.012	0.160	0.001	0.028	0.385
RLNN	ASTM A105/05	074407607	0.185 --->	0.230	1.050	0.007	0.018	00.11	00.01	0.011	0.000	0.024	0.003	0.029	0.387
					Nb% = 0.002	N % = 0.000								CEs = 0.333	
														CEs = 0.361	
														CEs = 0.350	
														CEs = 0.341	
														CEs = 0.360	

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.	RESILIENZA Impact test / Résilience			
	SEZIONE Section / Sect.	LUNGHEZZA Length / Longueur								UNITÀ MIS. Unit system	TIPO Type	T. °C Test tmp	VALORE / Value / Données
NWNA	1	30.8	25.0	369.0	512.6	31.7	64.6	152-156		J	KV	0	84-106-108
RNTX	1	60.1	35.0	299.0	513.0	31.4	68.2	140-149		J	KV	0	54-52-58
RLTA	1	122.6	50.0	321.0	533.0	28.6	67.1	149-159		J	KV	0	54-52-48
RRTL	1	122.6	50.0	355.0	520.0	30.0	58.0	156-159		J	KV	0	50-52-54
RTUU	1	30.6	25.0	304.0	526.0	32.0	68.0	143-149		J	KV	0	52-54-58
RLNN	1	30.6	25.0	315.4	534.2	28.6	67.1	149-156		J	KV	0	52-54-58

PROVA Test Epreuve	NOTE / Remarks / Notes EN10204/3.1	FORMA Shape / Forme : 1 = <input type="radio"/> 2 = <input type="checkbox"/>
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NWNA	ELECT.FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR.	/CERT.124.06 LEALI*536465MEGA*
RNTX	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.9504.MEGA/I*544286MEGA*
RLTA	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.1084.CARLOTTO*541882MEGA*
RRTL	ELECT.FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR.	/CERT.3072.METALFAR*
RTUU	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.9748.MEGA/I*548416MEGA*
RLNN	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.9391.MEGA/I*542257MEGA*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
NWNA	013	300		45 DEG. ELBOW S. 3000 NPT A/SA105N 1.1/4	OK
RNTX	014	500		45 DEG. ELBOW S. 3000 NPT A/SA105N 1.1/2	OK
RLTA	015	600		45 DEG. ELBOW S. 3000 NPT A/SA105N 2	OK
RRTL	017	70		45 DEG. ELBOW S. 3000 NPT A/SA105N 3	OK
RTUU	018	2000		TEE S. 3000 NPT A/SA105N 1/2	OK
RLNN	019	15		TEE S. 3000 NPT A/SA105N 3/4	OK

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