

M.E.G.A.

CLIENTE
Customer
ClientPROVEEDORA DE MATERIALES ANKER
SA DE CV
ALFONSO REYES 4030 NTE.
COL. DEL NTE. MONTERREY, N.L.CERTIFICATO N. 549297 FOLGIO 1
Certificate N. Sheet
Certificat N. Feuille

DATA / Date 22/04/08

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLECOMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001ORDINE 221
Purchase order
CommandeCOMMESSA 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 %
RWDD	ASTM A105/05	07/75392	0.190 --->	0.220 Nb% = 0.000	0.880 N % = 0.000	0.009 N % = 0.000	0.009 Sn% = 0.008	0.07	0.05	0.010	0.023	0.160	0.020	0.026	0.370 CEs = 0.336
RUAX	ASTM A105/05	8007-07	0.210 --->	0.219 Nb% = 0.0002	0.984 N % = 0.010	0.004 N % = 0.010	0.003 B % = 0.000	0.09	0.26	0.090	0.000	0.184	0.000	0.027	0.439 CEs = 0.374
RDRS	ASTM A105/05	07/75395	0.185 --->	0.200 Nb% = 0.000	0.940 N % = 0.000	0.010 N % = 0.000	0.010 Sn% = 0.008	0.07	0.05	0.010	0.021	0.170	0.021	0.026	0.376 CEs = 0.341
RFUD	ASTM A105/05	AB0891	0.185 --->	0.210 Nb% = 0.001	0.960 N % = 0.000	0.005 N % = 0.000	0.006	0.12	0.10	0.040	0.000	0.120	0.002	0.027	0.392 CEs = 0.345
RRLN	ASTM A105/05	07-76867	0.190 --->	0.180 Nb% = 0.000	0.960 N % = 0.000	0.006 N % = 0.000	0.008	0.06	0.04	0.010	0.000	0.120	0.016	0.022	0.377 CEs = 0.350
RRLS	ASTM A105/05	07/75769	0.185 --->	0.200 Nb% = 0.001	0.900 N % = 0.000	0.007 N % = 0.000	0.010	0.09	0.06	0.010	0.000	0.150	0.017	0.023	0.372 CEs = 0.335

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.	RESILLENZA Impact test / Résilience			
	SEZIONE Section / Sect.	LUNGHEZZA Length / Longueur								UNITÀ MIS. Unit system	TIPO Type	T. °C Test tmp	VALORE / Value / Données
RWDD	1	60.1 35.0	300.0	520.0	31.0	68.0	143-146		J	KV	0	50-48-52	
RUAX	1	60.1 35.0	322.0	535.0	28.8	66.4	156-160		J	KV	0	48-56-50	
RDRS	1	122.6 50.0	291.6	599.4	33.2	71.1	139-143		J	KV	0	54-48-50	
RFUD	1	122.6 50.0	315.0	533.0	28.7	67.1	149-156		J	KV	0	54-52-50	
RRLN	1	122.6 50.0	291.0	502.0	33.1	71.4	138-142		J	KV	0	48-50-54	
RRLS	1	60.1 35.0	303.0	520.0	31.6	68.4	143-149		J	KV	0	54-58-56	

PROVA Test Epreuve	NOTE / Remarks / Notes	EN10204/3.1	FORMA Shape / Forme : 1 = <input type="radio"/> 2 = <input type="checkbox"/>
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RWDD	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9691.MEGA/I*546906MEGA*
RUAX	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9529.MEGA/I*544692MEGA*
RDRS	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9211.MEGA/I*540000 MEGA*
RFUD	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.761.CARLOTTO*540462 MEGA*
RRLN	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.1314.CARLOTTO*542724MEGA*
RRLS	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.1285.CARLOTTO*542724MEGA*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
RWDD	003	5000		90 DEG. ELBOW S. 3000 NPT A/SA105N 1	OK
RUAX	004	1000		90 DEG. ELBOW S. 3000 NPT A/SA105N 1.1/4	OK
RDRS	006	2		90 DEG. ELBOW S. 3000 NPT A/SA105N 2	OK
RFUD	006	1333		90 DEG. ELBOW S. 3000 NPT A/SA105N 2	OK
RRLN	006	95		90 DEG. ELBOW S. 3000 NPT A/SA105N 2	OK
RRLS	006	1153		90 DEG. ELBOW S. 3000 NPT A/SA105N 2	OK

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