

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. 549297 FOLIO 1
Certificate N. Sheet
Certificat N. Feuille

DATA / Date 22/04/08

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 %
RWDD	ASTM A105/05	07/75392	0.190	0.220	0.880	0.009	0.009	00.07	00.05	0.010	0.023	0.160	0.020	0.026	0.370
			--->	Nb%=0.000	N % = 0.000	Sn%=0.008								CEs=0.336	
RUAX	ASTM A105/05	8007-07	0.210	0.219	0.984	0.004	0.003	00.09	00.26	0.090	0.000	0.184	0.000	0.027	0.439
			--->	Nb%=0.0002	N % = 0.010	B % = 0.000								CEs=0.374	
RDRS	ASTM A105/05	07/75395	0.185	0.200	0.940	0.010	0.010	00.07	00.05	0.010	0.021	0.170	0.021	0.026	0.376
			--->	Nb%=0.000	N % = 0.000	Sn%=0.008								CEs=0.341	
RFUD	ASTM A105/05	AB0891	0.185	0.210	0.960	0.005	0.006	00.12	00.10	0.040	0.000	0.120	0.002	0.027	0.392
			--->	Nb%=0.001	N % = 0.000									CEs=0.345	
RRLN	ASTM A105/05	07-76867	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
			--->	Nb%=0.000										CEs=0.350	
RRLS	ASTM A105/05	07/75769	0.185	0.200	0.900	0.007	0.010	00.09	00.06	0.010	0.000	0.150	0.017	0.023	0.372
			--->	Nb%=0.001										CEs=0.335	

PROVA Test Epreuve	PROVETTA Test specimen / Epreuve		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
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 checked="" type="checkbox"/> 2 = <input type="checkbox"/>
--------------------------	------------------------	-------------	---

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 DPT Responsable assurance qualité
MATERIAL ACCORDING TO NACE MR0175/ 2003.		DOC. CERT. M.E.G.A. Luca Marcati