

M.E.G.A.

CLIENTE
Customer
Client

PROVEEDORA DE MATERIALES ANGER
SA DE CV
ALFONSO REYES 4030 NTE.
COL. DEL NTE. MONTERREY, N.L.

CERTIFICATO N. 553371 FOGLIO 1
Certificate No. Sheet
Certificat N. Feuille
DATA / Date 03/10/08

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

ORDINE
Purchase order
Commande 223

COMMESSA 85402
Job No.
Confirmation de commande

PROVA Test Epreuve	MATERIALE Steel quality / Matière	COLATA Heat / Coudes	C %	SI %	Mn %	S %	P %	Cr %	NI %	Mo %	Ti %	Cu %	V %	Al %	CE %
RWR	ASTM A105/05	11 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
RXBD	ASTM A105/05	0743768/07	0.185	0.240	1.070	0.003	0.009	00.12	00.02	0.009	0.000	0.038	0.003	0.033	0.393
RUBS	ASTM A105/05	0744578/07	0.170	0.225	1.070	0.005	0.011	00.12	00.02	0.004	0.000	0.059	0.003	0.035	0.378
RWXR	ASTM A105/05	9164-07	0.190	0.197	1.000	0.005	0.009	00.10	00.20	0.050	0.000	0.230	0.003	0.022	0.415
NDDA	ASTM A105/05	0745422/07	0.180	0.235	1.050	0.003	0.017	00.10	00.01	0.005	0.000	0.025	0.000	0.026	0.378
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	0.368

PROVA Test Epreuve	PROVETTA Test specimen / Eproeuve		SNERVAMENTO Yield point Limite d'élasticité	ROTTURA Tensile Tensile strength Rupture	ALLUNGAMENTO % Elongation Allongement	CONTRAZIONE % Reduction of area Striction	DUREZZA HB Hardness Cureté	PIEGA Bend test Pliage	SCHIACC. Flat. test Aplattiss.	RESILLENZA Impact test / Résilience			
	SEZIONE Section / Sect.	LUNGHEZZA Length / Longueur								UNITÀ MIS. Unit system	TIPO Type	T. °C Test temp	VALORE / Value / Données
RWR	1	30.6 25.0	304.0	522.0	30.3	68.4	143-149			J	KV	0	56-56-52
RXBD	1	30.6 25.0	300.0	518.0	31.0	69.0	143-149			J	KV	0	50-58-54
RUBS	1	30.6 25.0	292.0	500.6	32.3	71.8	140-143			J	KV	0	54-56-60
RWXR	1	60.1 35.0	318.0	533.0	29.0	66.0	151-160			J	KV	0	52-50-56
NDDA	1	60.1 35.0	312.4	533.4	28.1	66.6	156-159			J	KV	0	50-54-54
RNTX	1	60.1 35.0	299.0	513.0	31.4	68.2	140-149			J	KV	0	54-52-58

PROVA Test Epreuve	NOTE / Remarks / Notes	EN10204/3.1	FORMA Shape / Forme : 1 = <input type="checkbox"/> 2 = <input type="checkbox"/>
RWR	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9799.MEGA/I*548939 MEGA*		
RXBD	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9647.MEGA/I*546340MEGA*		
RUBS	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9847.MEGA/I*549664MEGA*		
RWXR	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9681.MEGA/I*546582MEGA*		
NDDA	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9826.08 MEGA/I*549493MEGA*		
RNTX	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9504.MEGA/I*544286MEGA*		

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
RWR	001	1140	50005	90 DEG. ELBOW S. 3000 NPT A/SA105N 1/2	OK
RXBD	001	2860	50005	90 DEG. ELBOW S. 3000 NPT A/SA105N 1/2	OK
RUBS	003	3000	50010	90 DEG. ELBOW S. 3000 NPT A/SA105N 1	OK
RWXR	004	1000	50012	90 DEG. ELBOW S. 3000 NPT A/SA105N 1.1/4	OK
NDDA	011	500	51010	45 DEG. ELBOW S. 3000 NPT A/SA105N 1	OK
RNTX	013	300	51015	45 DEG. ELBOW S. 3000 NPT A/SA105N 1.1/2	OK

PLEASA ANAHUAC Y CIA. S.A. DE C.V.

CONTROL DE CALIDAD

FECHA 25 Mar 2010

ESS4

E. RUIZ

FIRMA _____

NOTE / Remarks / Notes: MATERIAL ACCORDING TO NACE MR0175/ 2003.

DOC. CERT. M.E.G.A.
LUCY MARRAS