

MEGA

CLIENTE
Customer
Client

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

CERTIFICATO N. 549215 FOGLIO 5
Certificate N. Sheet
Certificat N. Feuille

DATA / Date 18/04/08

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

ORDINE 217
Purchase order
Commande

COMMESSA 83530
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 %
RUCR	ASTM A105/05	1T 29402	0.200 --->	0.250	0.790	0.015	0.015	0.090	0.070	0.010	0.000	0.240	0.000	0.020	0.372
RUFN	ASTM A105/05	07/78828	0.195 --->	0.190	0.940	0.009	0.014	0.130	0.060	0.010	0.000	0.170	0.018	0.024	0.398
RUND	ASTM A105/05	07/79499	0.190 --->	0.190	0.890	0.007	0.012	0.080	0.050	0.010	0.020	0.130	0.017	0.020	0.371
RXTC	ASTM A105/05	07-79693	0.185 --->	0.200	0.860	0.006	0.012	0.150	0.050	0.010	0.000	0.170	0.016	0.020	0.378
RXTL	ASTM A105/05	37036	0.140 --->	0.240	0.910	0.004	0.008	0.110	0.040	0.010	0.000	0.060	0.003	0.000	0.322
															0.291

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
RUCR	1	30.6	25.0	301.0	512.0	31.4	68.2	143-149		J	KV	0	54-52-58
RUFN	1	122.6	50.0	301.4	515.6	31.8	68.9	143-149		J	KV	0	58-52-50
RUND	1	122.1	50.0	366.0	535.2	29.2	58.2	150-158		J	KV	0	156-160-164
RXTC	1	122.7	50.0	341.9	501.7	28.0	59.0	140-145		J	KV	0	110-98-106
RXTL	1	29.5	25.0	300.4	487.0	33.2	74.7	156-159	OK	J	KV	0	228-234-248

PROVA Test Epreuve	NOTE / Remarks / Notes	EN10204/3.1	FORMA Shape / Forme : 1 = <input type="radio"/> 2 = <input type="checkbox"/>
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RUCR	ELECT.FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR.	/CERT.123.EVASI*544285MEGA*
RUFN	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.1699/1709/1718.CARLOTTO*544705MEGA*
RUND	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.37642.RIVA*544277MEGA*
RXTC	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.1938.CARLOTTO*546064MEGA*
RXTL	ELECT.FURNACE-NORMALIZED AT 850 C COOLED IN STILL AIR.	/CERT.23363/1-4.MANNESMAN*544697MEGA*NDE:OK*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
RUCR	005	4000		90 DEG. ELBOW S. 3000 NPT A/SA105N 1	OK
RUFN	023	890		TEE S. 3000 NPT A/SA105N 2	OK
RUND	040	5000		COUPLING S. 3000 NPT A/SA105N 1	OK
RXTC	023	90		TEE S. 3000 NPT A/SA105N 2	OK
RXTL	131	1000		COUPLING S. 3000 SW A/SA105N 1.1/2	OK

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