

M.E.G.A.

SINCERT



**CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE**

CLIENTE
Customer
Client

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

CERTIFICATO N. 223212 FOLGIO 1
Certificate N. Sheet
Certificat N. Feuille

25/02/02

DATA / Date

COMMESSA 63638
Job N.
Confirmation de commande

ORDINE
Purchase order
Commande

P.O. 136/2001

PROVA Test Epreuve	MATERIALE Steel quality / Matière	COLATA Heat / Coulée	C %	Si %	Mn %	S %	P %	Cr %	Ni %	Mo %	Ti %	Cu %	V %	A1	CE
BDFS	ASTM A105N/98	118764	0.186	0.221	1.016	0.005	0.009	0.008	0.012	0.026	0.000	0.226	0.001	0.039	0.401
FUS9	ASTM A105N/98	79008	0.180	0.180	0.880	0.010	0.012	0.010	0.006	0.020	0.021	0.170	0.023	0.020	0.370
RABO	ASTM A105N/98	114291	0.185	0.270	1.000	0.001	0.007	0.015	0.020	0.030	0.000	0.220	0.001	0.034	0.415

PROVA Test Epreuve	PROVETTA Test specimen / Epreouvette		SNERVAMENTO N/mm ² ≥ Yield point Limite d'élasticité	ROTTURA N/mm ² ≥ Tensile strenght 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 Section / Sect.								UNITÀ MIS. Unit system	TIPO Type	T. °C Test tmp	VALORE / Value / Données		
BDFS	1	30.6 25.0	322.0	534.0	28.2	64.6	155-165								
FUS9	1	30.6 25.0	342.0	546.0	28.2	63.6	167-170								
RABO	1	60.1 35.0	334.0	542.0	27.6	62.8	158-163								

PROVA Test Epreuve	NOTE / Remarks / Notes	FORMA Shape / Forme : 1 = <input type="radio"/> 2 = <input type="checkbox"/>
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BDFS	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /61.01 EVASI*209457 MEGA*Nb=.002%*MALE+FEMALE
FUS9	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /91.99 EVASI*101467 MEGA*Nb=.000*Sr=.009%*MALE+FEM.
RABO	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.151.00 EVASI*117964 MEGA*Nb:0.001%*NUT

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
BDFS	051	606	136/2001	UNION S. 3000 SW A105N 1.1/4	OK
FUS9	051	594	136/2001	UNION S. 3000 SW A105N 1.1/4	OK
RABO	051	600	136/2001	UNION S. 3000 SW A105N 1.1/4	OK

NOTE / Remarks / Notes	ENTE UFFICIALE DI COLLAUDO Inspection Authority Service Inspection Official	CAPO COLLAUDO Chief Inspection DPT Responsible assurance qualite
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MATERIAL ACCORDING TO:
ASME II SA105 Ed. 2001

DOC. CERT. M.E.G.A.
Samantha RIZZI