

M.E.G.A.

CLIENTE
Customer
Client

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

CERTIFICATO N. 553287 FOLGIO 3
Certificate N. Sheet
Certificat N. Feuille

DATA / Date 01/10/08

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

ORDINE
Purchase order
Commande

223

COMMESSA
Job N. 85402
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 %
NCDB	ASTM A105/05	166065	0.180	0.243	1.000	0.001	0.008	00.18	00.19	0.050	0.000	0.180	0.001	0.033	0.417
			--->	Nb% = 0.002	N % = 0.000	Sn% = 0.010								CEs = 0.346	
NFTB	ASTM A105/05	06/73217	0.205	0.210	0.790	0.014	0.014	00.10	00.05	0.010	0.000	0.170	0.018	0.000	0.376
			--->	Nb% = 0.000	N % = 0.000										
NFTC	ASTM A105/05	06/73216	0.195	0.190	0.770	0.012	0.013	00.12	00.05	0.010	0.000	0.140	0.016	0.000	0.365
			--->	Nb% = 0.000	N % = 0.000										
RBXF	ASTM A105/05	07/78619	0.185	0.180	1.220	0.008	0.010	00.05	00.03	0.010	0.000	0.090	0.022	0.000	0.412
			--->	Nb% = 0.001										CEs = 0.388	
RBXL	ASTM A105/05	07/78619	0.185	0.180	1.220	0.008	0.010	00.05	00.03	0.010	0.000	0.090	0.022	0.000	0.412
			--->	Nb% = 0.001											
RBXN	ASTM A105/05	07/78619	0.185	0.180	1.220	0.008	0.010	00.05	00.03	0.010	0.000	0.090	0.022	0.000	0.412
			--->	Nb% = 0.001											

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.	RESILLENZA Impact test / Résilience			
	SEZIONE Section / Sect.	LUNGHEZZA Length / Longueur								UNITÀ MIS. Unit system	TIPO Type	T. °C Test tmp	VALORE / Value / Données
NCDB	1	30.6 25.0	301.0	515.0	32.4	68.2	143-149			J	KV	0	48-52-54
NFTB	1	30.6 25.0	350.0	495.0	29.1	52.8	170-173			J	KV	0	48-52-54
NFTC	1	30.6 25.0	347.0	488.0	29.7	52.8	142-145			J	KV	0	52-54-58
RBXF	1	122.6 50.0	375.0	531.0	29.1	52.8	156-160			J	KV	0	52-54-50
RBXL	1	122.6 50.0	375.0	531.0	29.1	52.8	156-160						
RBXN	1	122.6 50.0	375.0	531.0	29.1	52.8	156-160						

PROVA Test Epreuve NOTE / Remarks / Notes EN10204/3.1

FORMA Shape / Forme : 1 = Ø 2 = □

NCDB ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9274.MEGA/I*540540 MEGA*

NFTB ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR. /CERT.40930 RIVA ACCIAI*

NFTC ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR. /CERT.40357.06 FEAT*

RBXF ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR. /CERT.0040368.FEAT*

RBXL ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR. /CERT.0040367.FEAT*

RBXN ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR. /CERT.0040366/0040365.FEAT*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
NCDB	016	150	52003	TEE S. 3000 NPT A/SA105N 3/8	OK
NFTB	029	897	53020	UNION S. 3000 NPT A/SA105N 2	nut OK
NFTC	029	136	53020	UNION S. 3000 NPT A/SA105N 2	male OK
RBXF	029	864	53020	UNION S. 3000 NPT A/SA105N 2	male OK
RBXL	029	1000	53020	UNION S. 3000 NPT A/SA105N 2	female OK
RBXN	029	103	53020	UNION S. 3000 NPT A/SA105N 2	nut OK

NOTE / Remarks / Notes

ENTE UFFICIALE DI COLLAUDO
Inspection Authority
Service Inspection Official

CAPO COLLAUDO
Chief Inspection Officer
Responsable assurance qualité

MATERIAL ACCORDING TO NACE MR0175/ 2003.

DOC. CERT. M.E.G.A.
Luis Macati