

MEGIA

CLIENTE
Customer
Client

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

CERTIFICATO N. 553047
Certificate N. Sheet
Certificat N. Feuille

DATA / Date 23/09/00

COMMESSA 8450
Job N.
Confirmation de commande

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
—ISO 9001—

ORDINE 221
Purchase order
Commande

PROVA Test Epreuve	MATERIALE Steel quality / Matière	COLATA Heat / Couée	C %	SI %	Mn %	S %	P %	Cr %	NI %	Mo %	Ti %	Cu %	V %	Al %	CE
NAAA	ASTM A105/05	05778037	0.185	0.180	0.940	0.006	0.015	00.12	00.06	0.010	0.018	0.240	0.020	0.020	0.39
			--->	Nb% = 0.001	Sn% = 0.009										CEs = 0.34
NDDD	ASTM A105/05	1T 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	0.38
			--->	Nb% = 0.002	Sn% = 0.011										CEs = 0.34
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	0.38
			--->	Nb% = 0.002											CEs = 0.36
RWXS	ASTM A105/05	0730979/07	0.180	0.235	1.080	0.001	0.010	00.11	00.01	0.009	0.000	0.054	0.005	0.026	0.38
			--->	Nb% = 0.0026											
RTUU	ASTM A105/05	1T 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	0.38
			--->	Nb% = 0.002	Sn% = 0.011										CEs = 0.34
RLRN	ASTM A105/05	0730977/07	0.190	0.245	1.060	0.005	0.012	00.12	00.02	0.021	0.000	0.045	0.003	0.030	0.39
			--->	Nb% = 0.0023											CEs = 0.36

PROVA Test Epreuve	PROVETTA Test specimen / Epreuve		SIERVAMENTO Yield point Limite d'élasticité	ROTTURA Tensile strength Rupture	ALLUNGAMENTO % ≥ Elongation Allongement	CONTRAZIONE % ≥ Reduction of area Striction	DUREZZA HB Hardness Dureté	PIEGA Bend test Pliage	SCHACC. Flat. test Aplattiss.	RESILIENZA Impact test / Résilience			
	SEZIONE Section / Sect.	LUNGHEZZA Length / Longueur								UNITÀ MIS. Unit system	T. °C Test temp	VALORE / Value / Donnée	
NAAA	30.6	25.0	292.0	522.0	31.4	68.4	143-152			J	KV	0	50-50-58
NDDD	30.6	25.0	304.0	526.0	32.0	68.0	143-149			J	KV	0	50-52-54
RNTX	60.1	35.0	299.0	513.0	31.4	68.2	140-149			J	KV	0	54-52-58
RWXS	30.6	25.0	302.0	512.0	31.0	68.4	143-149			J	KV	0	46-48-54
RTUU	30.6	25.0	304.0	526.0	32.0	68.0	143-149			J	KV	0	50-52-54
RLRN	30.6	25.0	320.0	533.0	29.0	67.0	151-156			J	KV	0	48-50-56

PROVA Test Epreuve	NOTE / Remarks / Notes	ENI0204/3.1	FORMA Shape / Forme : 1 = <input type="checkbox"/> 2 = <input type="checkbox"/>
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NAAA	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.9928.MEGA/I*551015 MEGA*
NDDD	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.9772.MEGA/I*548416MEGA*
RNTX	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.9504.MEGA/I*544286MEGA*
RWXS	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.9714.MEGA/I*547160MEGA*
RTUU	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.9748.MEGA/I*548416MEGA*
RLRN	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.9715.MEGA/I*547160MEGA*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
NAAA	055	500		45 DEG. ELBOW S. 3000 SW A/SA105N 3/4	OK
NDDD	056	800		45 DEG. ELBOW S. 3000 SW A/SA105N 1	OK
RNTX	057	500		45 DEG. ELBOW S. 3000 SW A/SA105N 2	OK
RWXS	062	1500		TEE PIECE S. 3000 SW A/SA105N 1/2	OK
RTUU	063	2000		TEE PIECE S. 3000 SW A/SA105N 3/4	OK
RLRN	064	2000		TEE PIECE S. 3000 SW A/SA105N 1	OK

NOTE / Remarks / Notes	ENTE UFFICIALE DI COLLAUDO Inspection Authority Service Inspection Official	CARO COLLAUDO Chief Inspector/DFT Responsable assurance qualité
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MATERIAL ACCORDING TO NACE MR0175/ 2003.	DOC. CERT. M.E.G.A. CENTEMERI EMMANUEL
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