

MEGA

CLIENTE
Customer
Client

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

CERTIFICATO N.
Certificatio N.
Certificat N.

553047
Foglio
Sheet
Feuille

DATA / Date

23/09/0

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

ORDINE
Purchase order
Commande

221

COMMESSA
Job N.
Confirmation de commande

8450

PROVA Test Epreuve	MATERIALE Steel quality / Matière	COLATA Heat / Coulée	C %	SI %	Mn %	S %	P %	Cr %	Ni %	Mo %	Ti %	Cu %	V %	A1 %	CE
RDRD	ASTM A105/05	0744577/07	0.190	0.235	1.080	0.006	0.014	00.12	00.01	0.005	0.000	0.035	0.003	0.026	0.39
			---	Nb% = 0.0024										CEs = 0.37	
FCXU	ASTM A105/02	15747	0.217	0.230	0.950	0.002	0.014	00.11	00.15	0.020	0.004	0.110	0.004	0.019	0.41
			---	Nb% = 0.001	B % = 0.0002									CEs = 0.375	
KFXD	ASTM A105/05	17165	0.193	0.260	0.980	0.002	0.010	00.09	00.16	0.020	0.004	0.150	0.003	0.023	0.39
			---	Nb% = 0.002	N % = 0.000									CEs = 0.35	
LULA	ASTM A105/03	17163	0.191	0.260	0.960	0.001	0.011	00.15	00.10	0.030	0.005	0.150	0.003	0.020	0.40
			---	Nb% = 0.002	B % = 0.0001									CEs = 0.35	
LULB	ASTM A105/05	04/72191	0.200	0.210	0.890	0.026	0.018	00.11	00.06	0.010	0.010	0.190	0.002	0.007	0.38
			---	Nb% = 0.018	B % = 0.0005									CEs = 0.348	
RTTX	ASTM A105/05	074407807	0.160	0.205	1.050	0.005	0.013	00.13	00.02	0.019	0.000	0.029	0.003	0.022	0.36
			---	Nb% = 0.0025										CEs = 0.33	

PROVA Test Epreuve	PROVETTA Test specimen / Epreuve		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. 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	
RDRD	1	122.6	50.0	298.0	504.0	33.4	71.5	137-143			J	KV	0	48-56-50
FCXU	1	30.6	25.0	322.0	534.0	29.6	67.4	150-156			J	KV	0	44-58-50
KFXD	1	122.6	50.0	372.0	492.0	30.0	64.0	150-160						
LULA	1	30.6	25.0	297.0	518.0	32.4	68.3	143-156			J	KV	0	46-50-46
LULB	1	30.6	25.0	313.0	538.0	29.2	67.3	156-163			J	KV	0	46-56-50
RTTX	1	30.6	25.0	289.0	497.0	32.4	70.9	138-143			J	KV	0	48-50-54

PROVA Test Epreuve	NOTE / Remarks / Notes	EN10204/3.1	FORMA Shape / Forme : 1 = <input type="checkbox"/> 2 = <input type="checkbox"/>
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RDRD	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.9801.MEGA/I*548939 MEGA*
FCXU	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.10257.04 METALM.LOMB.*247523 MEGA*
KFXD	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.10064/10065.FEAT*
LULA	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.10184 cod.ML061-04+10183 cod.ML062-04*528897M
LULB	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.10029.06 M.L.*530314 MEGA*
RTTX	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.9390.MEGA/I*542257MEGA*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL ANE DIMENSIONAL
RDRD	066	500		TEE PIECE S. 3000 SW A/SA105N 2	OK
FCXU	067	1000		UNION S. 3000 SW A/SA105N 3/4	nut OK
KFXD	067	2000		UNION S. 3000 SW A/SA105N 3/4	male+female OK
LULA	068	2000		UNION S. 3000 SW A/SA105N 1	male+female OK
LULB	068	1000		UNION S. 3000 SW A/SA105N 1	nut OK
RTTX	071	50		UNION S. 3000 SW A/SA105N 2.1/2	nut OK

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