

M.E.G.A.

CLIENTE
Customer
Client

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

CERTIFICATO N. 549086 FOLGIO 1
Certificate N. Sheet
Certificat N. Feuille

DATA / Date 14/04/08

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

ORDINE
Purchase order
Commande

210

COMMESSA
Job N.
Confirmation de commande

82149

PROVA Test Epreuve	MATERIALE Steel quality / Matière	COLATA Heat / Coulée	C %	Si %	Mn %	S %	P %	Cr %	Ni %	Mo %	Ti %	Cu %	V %	Al %	CE %
LNL1	ASTM A105/03	32364	0.100 --->	0.200 Nb%= 0.000	0.690	0.003	0.009	00.12	00.08	0.040	0.000	0.210	0.000	0.000	0.266 CEs= 0.215
RNL1	ASTM A105/05	073981507	0.185 --->	0.220 Nb%=0.0021	1.110	0.002	0.014	00.12	00.02	0.008	0.000	0.038	0.003	0.024	0.400 CEs= 0.370
RNL2	ASTM A105/05	073981507	0.181 --->	0.220 Nb%=0.0021	1.110	0.002	0.014	00.10	00.02	0.007	0.000	0.038	0.003	0.021	0.392 CEs= 0.370
RUNC	ASME II SA105	07/32441	0.195 --->	0.220 Nb%= 0.002	1.050	0.010	0.013	00.09	00.04	0.010	0.015	0.110	0.012	0.021	0.402 CEs= 0.370
RNL3	ASME II SA105	073981407	0.165 --->	0.220 Nb%= 0.002	1.070	0.003	0.015	00.12	00.02	0.009	0.000	0.049	0.001	0.024	0.374 CEs= 0.347
RXRT	ASTM A105/05	0745668/07	0.169 --->	0.210 Nb%= 0.003	1.070	0.004	0.011	00.11	00.01	0.006	0.003	0.047	0.003	0.028	0.375 CEs= 0.347

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
LNL1	60.1	35.0	294.0	494.0	41.3	66.5	143-150		J	KV	0	76-64-62	
RNL1	121.4	50.0	339.8	533.0	32.6	71.0	156-159		J	KV	0	140-146-156	
RNL2	122.3	50.0	287.6	522.8	34.8	65.0	156-159		J	KV	0	134-136-144	
RUNC	122.9	50.0	354.7	523.5	28.8	62.5	150-156		J	KV	-7	132-124-120	
RNL3	121.2	50.0	288.7	505.7	34.4	68.4	148-150		J	KV	0	154-176-196	
RXRT	122.7	50.0	280.3	502.0	29.0	60.9	145-150		J	KV	0	140-160-162	

PROVA Test Epreuve	NOTE / Remarks / Notes	FORMA Shape / Forme
	EN10204/3.1	1 = ∅ 2 = □

LNL1	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR	/CERT.186034.05 MANNESMANN*247664 MEGA*
RNL1	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.08395.LUCCHINI*541706MEGA*
RNL2	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.09167.LUCCHINI*542253MEGA*
RUNC	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.60081.RIVA*544701MEGA*
RNL3	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.10189.LUCCHINI*542258MEGA*
RXRT	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.17367.INTERACCIAI*544704MEGA*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
LNL1	053	300		HALF COUPLING S. 3000 NPT A/SA105N 1.1/2	OK
RNL1	064	400		CAP S. 3000 NPT A/SA105N 1	OK
RNL2	065	250		CAP S. 3000 NPT A/SA105N 1.1/2	OK
RUNC	066	300		CAP S. 3000 NPT A/SA105N 2	OK
RNL3	067	30		CAP S. 3000 NPT A/SA105N 2.1/2	OK
RXRT	068	30		CAP S. 3000 NPT A/SA105N 3	OK

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