

M.E.G.A.

CLIENTE
Customer
Client

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

CERTIFICATO N. 554255 FOGLIO 2
Certificate N. Sheet
Certificat N. Feuille

DATA / Date 06/11/08

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
—ISO 9001—

ORDINE 223
Purchase order
Commande

COMMESSA 85402
Job N.
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 %
RUXU	ASTM A105/05	48134	0.140 --->	0.200	0.930	0.004	0.010	00.10	00.05	0.010	0.000	0.100	0.003	0.000	0.327
KFSC	ASTM A105/05	08/72388	0.185 --->	0.180	0.930	0.010	0.008	00.08	00.05	0.010	0.021	0.120	0.017	0.022	0.372
KDLX	ASTM A105/05	0745420/07	0.180 --->	0.230	1.090	0.001	0.010	00.10	00.01	0.006	0.000	0.029	0.003	0.044	0.386
KDUF	ASTM A105/05	0633873/06	0.180 --->	0.255	1.060	0.002	0.012	00.11	00.02	0.007	0.000	0.026	0.003	0.029	0.383
RUAC	ASTM A105/05	0743768/07	0.185 --->	0.240	1.070	0.003	0.009	00.12	00.02	0.009	0.000	0.038	0.003	0.033	0.393
KDTL	ASTM A105/05	0834881/08	0.195 --->	0.250	1.090	0.003	0.014	00.11	00.01	0.008	0.000	0.063	0.002	0.034	0.405
															CEs= 0.376

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 Pilage	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
RUXU	1	30.5 25.0	312.1	486.8	36.4	72.0	145-155			J	KV	0	266-292-296
KFSC	1	30.6 25.0	302.0	512.4	31.0	68.0	146-150			J	KV	0	48-50-54
KDLX	1	30.6 25.0	304.0	518.0	30.8	68.4	143-149			J	KV	0	48-48-44
KDUF	1	30.6 25.0	303.0	519.0	31.5	69.3	143-149			J	KV	0	46-38-38
RUAC	1	30.6 25.0	290.0	501.0	33.2	71.1	149-156			J	KV	0	54-50-56
KDTL	1	30.6 25.0	304.0	512.0	32.4	68.9	143-149			J	KV	0	44-48-48

PROVA Test Epreuve	NOTE / Remarks / Notes	ENI0204/3.1	FORMA Shape / Forme : 1 = ∅ 2 = □
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PROVA Test Epreuve	NOTE / Remarks / Notes	ENI0204/3.1	FORMA Shape / Forme : 1 = ∅ 2 = □
RUXU	ELECT.FURNACE-NORMALIZED AT 850 C COOLED IN STILL AIR. /CERT.22898/1-4.MANNEMSAN*544731MEGA*NDE:OK*		
KFSC	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.154.EVASI*550444MEGA*		
KDLX	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9918.MEGA/I*551015 MEGA*		
KDUF	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.10011.MEGA/I*552204 MEGA*		
RUAC	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9595.MEGA/I*546059MEGA*		
KDTL	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9954.MEGA/I*551893 MEGA*		

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
RUXU	040	506	54020	COUPLING S. 3000 NPT A/SA105N 2	OK
KFSC	052	500	58085	BUSHING M/F NPT A/SA105N 2x1.1/2	OK
KDLX	057	1882	60005	90 DEG. ELBOW S. 3000 SW A/SA105N 1/2	OK
KDUF	057	190	60005	90 DEG. ELBOW S. 3000 SW A/SA105N 1/2	OK
RUAC	057	1928	60005	90 DEG. ELBOW S. 3000 SW A/SA105N 1/2	OK
KDTL	058	4000	60007	90 DEG. ELBOW S. 3000 SW A/SA105N 3/4	OK

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