

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. 555445 FOLGIO 2
Certificate N. Sheet
Certificat N. Feuille
DATA / Date 12/01/09

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

ORDINE
Purchase order
Commande

225

COMMESSA
Job N.
Confirmation de commande 85820

PROVA Test Epreuve	MATERIALE Steel quality / Matière	COLATA Heat / Coulée	C %	Si %	Mn %	S %	P %	Cr %	Ni %	Mo %	Ti %	Cu %	V %	Al %	CE %
RUAA	ASTM A105/05	0739814/07	0.185 --->	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
KNND	ASTM A105/05	1196/08	0.199 --->	0.220 Nb%= 0.001	0.860	0.006	0.005	00.08	00.16	0.040	0.000	0.140	0.001	0.026	0.386
KXUL	ASTM A105/05	HZF*75215	0.200 --->	0.240 Nb%= 0.000	0.960	0.015	0.012	00.10	00.06	0.010	0.005	0.170	0.001	0.022	0.397
RLAX	ASTM A105/05	GCP*78153	0.190 --->	0.230 Nb%= 0.001	0.880	0.017	0.011	00.08	00.05	0.010	0.005	0.180	0.001	0.024	0.370
RUCU	ASTM A105/05	07/78382	0.180 --->	0.200 Nb%= 0.001	0.910	0.009	0.012	00.08	00.05	0.010	0.000	0.180	0.000	0.025	0.364
RLNN	ASTM A105/05	074407607	0.185 --->	0.230 Nb%=0.0026	1.050	0.007	0.018	00.11	00.01	0.011	0.000	0.024	0.003	0.029	0.387
							B %= 0.000								CEs= 0.360

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 temp	VALORE / Value / Données
RUAA	1	60.1	35.0	321.0	536.0	29.0	67.0	151-156		J	KV	0	50-52-56
KNND	1	122.6	50.0	296.0	510.0	33.2	71.2	138-145		J	KV	0	46-64-46
KXUL	1	122.6	50.0	335.0	540.0	33.0	58.0	164-166					
RLAX	1	122.6	50.0	324.0	518.0	32.0	58.0	156-159					
RUCU	1	30.6	25.0	325.0	538.0	28.7	66.5	149-156		J	KV	0	54-60-48
RLNN	1	30.6	25.0	315.4	534.2	28.6	67.1	149-156		J	KV	0	52-54-58

PROVA Test Epreuve	NOTE / Remarks / Notes	EN10204/3.1	FORMA Shape / Forme : 1 = <input checked="" type="checkbox"/> 2 = <input type="checkbox"/>
--------------------------	------------------------	-------------	---

RUAA	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9736.MEGA/I*547652MEGA*
KNND	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.1203.CARLOTT0*551907 MEGA*
KXUL	ELECT.FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR. /CERT.4006.METALFAR*
RLAX	ELECT.FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR. /CERT.2650/3256/4019.METALFAR*
RUCU	ELECT.FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR. /CERT.126.EVASI*544392MEGA*
RLNN	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9391.MEGA/I*542257MEGA*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
RUAA	004	1500		90 DEG. ELBOW S. 3000 NPT A/SA105N 1.1/2	OK
KNND	006	75		90 DEG. ELBOW S. 3000 NPT A/SA105N 3	OK
KXUL	006	3		90 DEG. ELBOW S. 3000 NPT A/SA105N 3	OK
RLAX	006	22		90 DEG. ELBOW S. 3000 NPT A/SA105N 3	OK
RUCU	008	500		45 DEG. ELBOW S. 3000 NPT A/SA105N 3/4	OK
RLNN	010	672		TEE S. 3000 NPT A/SA105N 3/4	OK

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