

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. 557067 FOGLIO 4
Certificate N. Sheet
Certificat N. Feuille

DATA / Date 02/03/09

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
— ISO 9001 —

ORDINE
Purchase order
Commande

225 - 231

COMMESSA 85820
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 %
LLCA	ASTM A105/05	0530378/05	0.200 --->	0.240	1.120	0.002	0.019	00.14	00.01	0.005	0.000	0.043	0.004	0.029	0.420
KRRB	ASTM A105/05	0834827/08	0.180 --->	0.235	1.090	0.002	0.017	00.11	00.01	0.006	0.000	0.069	0.004	0.035	0.392
RNLRL	ASTM A105/05	073981407	0.165 --->	0.220	1.070	0.003	0.015	00.12	00.02	0.009	0.000	0.049	0.001	0.024	0.374
KXCX	ASTM A105/05	0835214/08	0.185 --->	0.250	1.060	0.003	0.012	00.11	00.01	0.005	0.000	0.034	0.003	0.000	0.389
FBND	ASTM A105/02	65926	0.198 --->	0.226	0.866	0.016	0.014	00.16	00.13	0.036	0.000	0.258	0.004	0.027	0.408
NDNA	ASTM A105/03	AA6254	0.190 --->	0.250	0.950	0.026	0.009	00.12	00.11	0.020	0.000	0.170	0.002	0.025	0.395

PROVA Test Epreuve	PROVETTA Test specimen / Epreuvevette		SNERVAMENTO N/mm ² ≥ Yield point Limite d'élasticité	ROTTURA N/mm ² ≥ Tensile strenght 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	
LLCA	1	122.7	50.0	304.3	527.7	33.6	69.5	156-165			J	KV	0	152-154-150
KRRB	1	122.7	50.0	286.3	512.0	29.6	69.6	145-152			J	KV	0	152-148-152
RNLRL	1	121.2	50.0	288.7	505.7	34.4	68.4	148-150			J	KV	0	154-176-196
KXCX	1	121.7	50.0	285.5	501.1	28.0	76.7	146-149			J	KV	0	146-158-160
FBND	1	30.1	25.0	342.0	534.0	27.2	64.4	170-174			J	KV	0	64-58-60
NDNA	1	122.6	50.0	352.0	555.0	28.9	62.4	179-185			J	KV	0	42-52-50

PROVA Test Epreuve	NOTE / Remarks / Notes	EN10204/3.1	FORMA Shape / Forme : 1 = <input type="checkbox"/> 2 = <input type="checkbox"/>
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LLCA	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.07650.05 LUCCHINI*247663 MEGA*
KRRB	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.08428.08 LUCCHINI*552265MEGA*
RNLRL	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.10189.LUCCHINI*542258MEGA*
KXCX	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.18405.LUCCHINI*554020MEGA*
FBND	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.2531.94SAN PAOLO*242015 MEGA
NDNA	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.008278.06 RODACCIAI*530825 MEGA*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
LLCA	038	500		CAP S. 3000 NPT A/SA105N 1.1/2	OK
KRRB	039	500		CAP S. 3000 NPT A/SA105N 2	OK
RNLRL	040	30		CAP S. 3000 NPT A/SA105N 2.1/2	OK
KXCX	041	40		CAP S. 3000 NPT A/SA105N 3	OK
FBND	043	300		BUSHING M/F NPT A/SA105N 3/4x3/8	OK
NDNA	044	300		BUSHING M/F NPT A/SA105N 1x1/4	OK

NOTE / Remarks / Notes	ENTE UFFICIALE DI COLLAUDO Inspection Authority Service Inspection Official	CAPO COLLAUDO Chief Inspection DPT 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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