

MEGIA

CLIENTE
Customer
Client

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

CERTIFICATO N. 553047
Certificate N. F0GLIO
Certificat N. Sheet
Feuille

DATA / Date 23/09/01

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

84501

PROVA Test Epreuve	MATERIALE Steel quality / Matière	COLATA Heat / Coulée	C %	SI %	Mn %	S %	P %	Cr %	Ni %	Mo %	Ti %	Cu %	V %	Al %	CE %
RFBR	ASTM A105/05	06772364	0.200	0.240	0.940	0.007	0.011	00.09	00.05	0.010	0.021	0.150	0.020	0.026	0.39%
			---	Nb% = 0.001											
RNUA	ASTM A105/05	0745421/07	0.180	0.230	1.050	0.002	0.020	00.12	00.02	0.014	0.000	0.027	0.003	0.030	0.38%
			---	Nb% = 0.0022	B % = 0.000									CEs = 0.35%	
RNUB	ASTM A105/05	063498406	0.180	0.245	1.070	0.003	0.018	00.06	00.09	0.003	0.000	0.045	0.004	0.035	0.38%
			---	Nb% = 0.002	B % = 0.0002									CEs = 0.35%	
RUCR	ASTM A105/05	1T 29402	0.200	0.250	0.790	0.015	0.015	00.09	00.07	0.010	0.000	0.240	0.000	0.020	0.37%
			---											CEs = 0.33%	
KABU	ASTM A105/05	675-08	0.183	0.187	1.000	0.003	0.007	00.10	00.14	0.050	0.000	0.170	0.001	0.020	0.40%
			---	Nb% = 0.002	N % = 0.009			Sn% = 0.015						CEs = 0.34%	
KALR	ASTM A105/05	07770032	0.200	0.230	0.900	0.009	0.013	00.08	00.05	0.010	0.017	0.170	0.017	0.024	0.38%
			---	Nb% = 0.001	N % = 0.000			Sn% = 0.010							

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. Flat. test Aplattiss.	RESILIENZA Impact test / Résilience		
	SEZIONE Section / Sect.	LUNGHEZZA Length / Longueur								UNITÀ MIS. Unit system	TIPO Type	T. °C Test temp
RFBR	1	60.1 35.0	303.0	528.0	32.1	68.6	143-152			J	KV	48-46-42
RNUA	1	30.6 25.0	301.0	522.0	31.4	68.2	143-152			J	KV	48-52-50
RNUB	1	30.6 25.0	332.0	542.0	28.4	63.5	159-167			J	KV	52-58-50
RUCR	1	30.6 25.0	301.0	512.0	31.4	68.2	143-149			J	KV	54-52-58
KABU	1	30.6 25.0	312.4	538.6	29.8	67.4	152-158			J	KV	50-56-58
KALR	1	121.0 50.0	300.2	512.4	31.0	68.0	140-149			J	KV	52-54-60

NOTE / Remarks / Notes EN10204/3.1

FORMA Shape / Forme : 1 = 2 =

RFBR	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9343.MEGA/I*541706MEGA*	
RNUA	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9587.MEGA/I*545572MEGA*	
RNUB	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9485.MEGA/I*543781MEGA*	
RUCR	ELECT. FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR. /CERT.123.EVASI*544285MEGA*	
KABU	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9908.MEGA/I*551015MEGA*	
KALR	ELECT. FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9823.MEGA/I*549493MEGA*	

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL ANC DIMENSIONAL
RFBR	052	38		90 DEG. ELBOW S. 3000 SW A/SA105N 1.1/4	OK
RNUA	052	324		90 DEG. ELBOW S. 3000 SW A/SA105N 1.1/4	OK
RNUB	052	13		90 DEG. ELBOW S. 3000 SW A/SA105N 1.1/4	OK
RUCR	052	371		90 DEG. ELBOW S. 3000 SW A/SA105N 1.1/4	OK
KABU	053	1000		90 DEG. ELBOW S. 3000 SW A/SA105N 1.1/2	OK
KALR	054	1500		90 DEG. ELBOW S. 3000 SW A/SA105N 2	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. CENTEMERI EMMANUEL