

# MEGA

CLIENTE  
Customer  
Client

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

CERTIFICATO N. 557067 FOLGIO 1  
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 225 - 231  
Purchase order  
Commande

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 %
KDRR	ASTM A105/05	0744613707	0.180 ---> Nb%=0.0026	0.235	1.050	0.004	0.019	00.11	00.04	0.006	0.000	0.045	0.003	0.032	0.384
KTRX	ASTM A105/05	0835647/08	0.185 ---> Nb%=0.0018	0.250	1.090	0.003	0.012	00.11	00.02	0.004	0.000	0.038	0.001	0.042	0.394
KWRX	ASTM A105/05	0834827/08	0.180 ---> Nb%=0.0028	0.235	1.090	0.002	0.017	00.11	00.01	0.006	0.000	0.069	0.004	0.035	0.391
NFTF	ASTM A105/05	73217	0.205 ---> Nb%=0.000	0.210	0.790	0.014	0.014	00.10	00.05	0.010	0.000	0.170	0.018	0.000	0.376
NFTL	ASTM A105/05	23943	0.200 ---> Nb%=0.003	0.210	0.800	0.013	0.010	00.07	00.08	0.010	0.000	0.170	0.000	0.000	0.365
NFTN	ASTM A105/05	72627	0.205 ---> Nb%=0.001	0.220	0.790	0.009	0.017	00.16	00.06	0.020	0.000	0.190	0.011	0.000	0.391

PROVA Test Epreuve	PROVETTA Test specimen / Epreuve		SNERVAMENTO N/mm <sup>2</sup> ≥ Yield point Limite d'élasticité	ROTTURA N/mm <sup>2</sup> ≥ 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	
KDRR	1	122.6	50.0	300.4	510.8	31.0	69.2	139-141			J	KV	0	46-48-56
KTRX	1	60.1	35.0	303.0	517.0	31.3	69.2	143-149			J	KV	0	40-44-42
KWRX	1	122.6	50.0	306.0	528.0	32.7	68.9	143-149			J	KV	0	32-38-42
NFTF	1	122.6	50.0	350.0	495.0	29.1	52.8	145			J	KV	0	56-50-52
NFTL	1	122.6	50.0	343.0	492.0	29.3	52.8	141			J	KV	0	54-52-50
NFTN	1	122.6	50.0	364.0	510.0	29.0	52.8	150			J	KV	0	48-52-54

PROVA Test Epreuve	NOTE / Remarks / Notes EN10204/3.1	FORMA Shape / Forme : 1 = <input checked="" type="checkbox"/> 2 = <input type="checkbox"/>
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KDRR	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.9893 MEGA/I*550362MEGA*
KTRX	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.10102 MEGA/I*553998 MEGA
KWRX	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR. /CERT.10173.MEGA/I*555334MEGA*
NFTF	ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR. /CERT.40112.FEAT*
NFTL	ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR. /CERT.40113.FEAT*
NFTN	ELECT.FURNACE-NORMALIZED AT 910 C COOLED IN STILL AIR. /CERT.40114.FEAT*

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
KDRR	005	1471		90 DEG. ELBOW S. 3000 NPT A/SA105N 2	OK
KTRX	005	233		90 DEG. ELBOW S. 3000 NPT A/SA105N 2	OK
KWRX	005	296		90 DEG. ELBOW S. 3000 NPT A/SA105N 2	OK
NFTF	018	800		UNION S. 3000 NPT A/SA105N 1.1/2	nut OK
NFTL	018	800		UNION S. 3000 NPT A/SA105N 1.1/2	male OK
NFTN	018	800		UNION S. 3000 NPT A/SA105N 1.1/2	female OK

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