



CLIENTE
Customer
Client

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

CERTIFICATO N. 246109 FOLGIO 1
Certificate N. Sheet
Certificat N. Feuille

DATA / Date 05/05/04

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

ORDINE P.O. NO. 169
Purchase order
Commande

COMMESSA 72151
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 %
7CTU	ASTM A105N/98	022575	0.210	0.230	0.930	0.011	0.013	00.10	00.01	0.004	0.000	0.007	0.003	0.000	0.387
BDNB	ASTM A105N/01	305175	0.200	0.260	0.970	0.023	0.010	00.04	00.02	0.005	0.000	0.006	0.000	0.030	0.372
BDNF	ASTM A105N/01	305178	0.210	0.260	0.960	0.023	0.011	00.03	00.03	0.004	0.000	0.050	0.004	0.033	0.382
CALC	ASTM A105N/01	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
CCTT	ASTM A105N/01	74808	0.190	0.250	0.910	0.004	0.009	00.06	00.06	0.010	0.022	0.170	0.019	0.021	0.374
CDCX	ASTM A105N/01	73645	0.185	0.230	0.890	0.010	0.015	00.08	00.06	0.010	0.019	0.170	0.016	0.022	0.369

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 Pliage	SCHIACC. Flatt. test Aplattiss.	RESILIANZA Impact test / Résilience				
	SEZIONE Section / Sect.	LUNGHEZZA Length / Longueur								UNITÀ MIS. Unit system	TIPO Type	T. °C Test temp	VALORE / Value / Données	
7CTU	1	60.1	36.5	298.0	504.0	33.2	71.3	142-146			J	KV	0	76-90-94
BDNB	1	123.7	50.0	390.0	571.0	25.0	67.6	170-176			J	KV	0	70-72-74
BDNF	1	122.7	50.0	388.0	576.0	24.8	68.2	180-185			J	KV	0	39-41-43
CALC	1	30.1	25.0	328.0	546.0	28.8	61.2	159-163			J	KV	0	60-62-70
CCTT	1	60.1	35.0	342.0	536.0	28.8	71.2	143-149			J	KV	-50	40-30-32
CDCX	1	30.0	25.0	332.0	527.1	34.2	59.9	150-156			J	KV	-50	40-30-32

PROVA Test Epreuve NOTE / Remarks / Notes EN10204/3.1B ** DIN 50049 3.1B.

FORMA Shape / Forme : 1 = 2 =

7CTU	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.55200.97 LUCCHINI*76490 MEGA*Nb:0.002%**
BDNB	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/11129.01 RODACCIAI*209452 MEGA*Nb:0.003%**
BDNF	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.19553.01 RODACCIAI*209528 MEGA*Nb:0.003%**
CALC	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.2531.94SAN PAOLO*209648 MEGA*Nb:0.003%**
CCTT	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.50.02 EVASI*209715 MEGA*Nb:0.000**
CDCX	ELECT.FURNACE-NORMALIZED AT 900 C COOLED IN STILL AIR.	/CERT.145.02 ISMA*209686 MEGA*Nb=.000%**

PROVA Test Epreuve	POS. Item Pos.	QUANTITÀ Quantity Quantité	CODICE CLIENTE Customer code Code client	DESCRIZIONE / Description / Description	VISUAL AND DIMENSIONAL
7CTU	049	1		90 DEG. ELBOW S. 3000 SW A/SA105N 1.1/4	OK
BDNB	034	233		BUSHING M/F NPT A/SA105N 1x3/8	OK
BDNF	034	67		BUSHING M/F NPT A/SA105N 1x3/8	OK
CALC	032	62		BUSHING M/F NPT A/SA105N 1/2x1/4	OK
CCTT	037	500		BUSHING M/F NPT A/SA105N 1.1/2x1.1/4	OK
CDCX	008	200		45 DEG. ELBOW S. 3000 NPT A/SA105N 1.1/2	OK

NOTE / Remarks / Notes

ENTE UFFICIALE DI COLLAUDO
Inspection Authority
Service Inspection Official

CAPO COLLAUDO
Chief Inspection DPT
Responsible assurance qualité

DOC. CERT. M.E.G.A.
Servizio Apptanti