

M.E.G.A.

CERT

QUALITY CERTIFICATE N. 106029

CERTIFICATO DI COLLAUDO
TEST CERTIFICATE
CERTIFICAT DE CONTROLE
ABNAHMEZEUGNIS



CLIENTE Ferreteria ANAHUAC s.a. de C.V.
 Customer VALLE DE LAS ALAMENDAS 66 B
 Client ESQ. J.L. PORTILLO S.F C
 Kunde 54940 TULTILAN, EDO DE MEXICO
 MEXICO

ORDINE 98/002
 Order
 Commande
 Bestellung

CERTIFICATO 106029
 Certificate No.
 Certificat N°
 Zeugnis N.

FOLIO 2
 Sheet
 Feuille
 Blatt

DATA 16/02/98
 Date
 Datum

COMMESSA 49755
 Mill order
 Confirmation de commande
 Komm.

PROVA Test Epreuve Probe	Materiale / Steel quality Matière / Stahlsorte	COLATA / Heat Coulée / Schmelze	C %	Si %	Mn %	S %	P %	Cr %	Ni %	Mo %	Ti %	Cu %	V %	Al %	CE %
6NNB	ASTM A105N/95b	85661	0.195	0.250	1.010	0.011	0.011	00.08	00.11	0.030	0.000	0.311	0.003	0.029	0.414
6RCL	ASTM A105N/95b	031503	0.200	0.240	0.960	0.003	0.021	00.10	00.02	0.001	0.000	0.017	0.001	0.000	0.382
7AAA	ASTM A105N/96	034274	0.200	0.240	0.950	0.008	0.012	00.13	00.02	0.003	0.000	0.018	0.001	0.000	0.387
7AAN	ASTM A105N/95b	86276	0.190	0.247	1.100	0.009	0.010	00.08	00.11	0.029	0.000	0.224	0.005	0.028	0.419
7AAS	ASTM A105N/95b	87566	0.176	0.233	1.120	0.006	0.006	00.08	00.11	0.035	0.000	0.184	0.004	0.032	0.406
7CTR	ASTM A105N/96	87566	0.176	0.233	1.120	0.006	0.006	00.08	00.11	0.035	0.000	0.184	0.004	0.032	0.406
7CTU	ASTM A105N/96	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

PROVA Test Epreuve Probe	PROVETTA / Test specimen Eprouvette / Prüfgegenstand		SNERVAMENTO N/mm ² ≥ Yield point Limite d'élasticité Streckgrenze	ROTTURA N/mm ² ≥ Tensile strength Rupture Zugfestigkeit	ALLUNGAMENTO % ≥ Elongation Allongement Dehnung	CONTRAZIONE % ≥ Reduction of area Striction Einschnürung	DUREZZA HB Hardness Dureté Härte	PIEGA Bend test Pliage Faltversuch	SCHIACC. Flatt test Aplatiss. Ringfaltv.	RESILIENZA / Impact test / Résilience / Kerbschlagzähigkeit					
	SEZIONE Section/Sect. Querschn.	LUNGHEZZA Length / Longueur Länge								UNITÀ MIS.	T. °C	TIPO	VALORE / Value / Données / Wert		
6NNB	1	30.1	25.0	315.0	542.0	30.8	67.2	164-167							
6RCL	1	60.1	36.5	311.0	520.0	31.4	67.8	152-156							
7AAA	1	60.1	36.5	336.0	542.0	29.3	65.7	160-164							
7AAN	1	30.1	25.0	336.0	548.0	29.4	65.3	164-170							
7AAS	1	60.1	36.5	314.0	532.0	30.4	67.2	156-160							
7CTR	1	30.1	25.0	312.0	524.0	30.8	67.4	152-156							
7CTU	1	60.1	36.5	298.0	504.0	33.2	71.3	142-146							

PROVA Test Epreuve Probe
NOTE / Remarks / Notes / Anmerkung EN10204/3.1B ** DIN 50049 3.1B.
FORMA / Shape : 1 = 2 =

6NNB	ELECT. FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR. /CERT.37003.96 ACC. VENETE*76238 MEGA*Nb:0,002%*
6RCL	ELECT. FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR. /CERT.39605.96 LUCCHINI*76458 MEGA*Nb:0,002%*
7AAA	ELECT. FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR. /CERT.59895.97 LUCCHINI*76547 MEGA*Nb:0,002%*
7AAN	ELECT. FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR. /CERT.38558.96 VENETE*76368 MEGA*Nb:0,008%*
7AAS	ELECT. FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR. /CERT.38651.97 VENETE*76458 MEGA*Nb:0,0023%*
7CTR	ELECT. FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR. /CERT.38651.97 VENETE*100502 MEGA*Nb:0,0023%*
7CTU	ELECT. FURNACE-NORMALIZED AT 920 C COOLED IN STILL AIR. /CERT.55200.97 LUCCHINI*76490 MEGA*Nb:0,002%*

PROVA Test Epreuve Probe	POS. Item Pos.	QUANTITÀ Quantity Quantité Stückzahl	CODICE CLIENTE / Cust. code Code client / Kunde kode	DESCRIZIONE / Description / Description / Gegenstand	VISUAL AND DIMENSIONAL
6NNB	019	195		45 DEG. ELBOW S. 3000 SW A105N 3/4	OK
6RCL	005	50		90 DEG. ELBOW S. 3000 NPT A105N 1.1/4	OK
7AAA	032	285		TEE S. 3000 NPT A105N 1	OK
7AAN	031	503		TEE S. 3000 NPT A105N 3/4	OK
7AAS	033	2385		TEE S. 3000 SW A105N 1/2	OK
7CTR	012	2453		90 DEG. ELBOW S. 3000 SW A105N 1/2	OK
7CTU	015	113		90 DEG. ELBOW S. 3000 SW A105N 1.1/4	OK

NOTE / Remarks / Notes / Anmerkung

ENTE UFFICIALE DI COLLAUDO / Insp. Authority
 Service Inspection Official / Abnahme Verein

CAPO COLLAUDO / Chief inspection DPT.
 le Chef de la Reception / Chef der Abnahmeabteilung

THE CHEMICAL AND MECHANICAL PROPERTIES ARE A TRUE AND
 CORRECT COPY OF MILL TEST CERT. ISSUED BY THE STEEL
 MILL, OR BY THE LABORATORY WHICH HAS DETERMINED IT.

LOC. CERT. M.E.G.A.
 Samantha Rizzi