

CIA. SIDERURGICA DE CALIFORNIA, S.A. DE C.V.

MATRIZ:
 AV. LAZARO CARDENAS No. 601
 EDIF. "A" 3º PISO
 COLONIA LA NOGALERA
 TEL.:(01-33) 36-69-57-57 FAX: 38-11-82-02
 C.P. 44440 GUADALAJARA, JALISCO, MEXICO.

PLANTA GUADALAJARA

SUCURSAL:
 LOTES 1 Y 2 INT. "A" COLONIA COLORADO No. 4
 DELEGACION CERRO PRIETO
 TELS:(01-686) 5-62-89-89 Y 58 FAX: 5-62-02-91
 APDO. POSTAL 9-12 Y 9-14 MEXICALI
 P.O.BOX 872-197 CALEXICO, CA. 92232
 C.P. 21030 MEXICALI, B.C., MEXICO

Certificado de Calidad Quality Certificate

No.REMISION PACKING LIST No.	23567	FECHA DATE	03/04/2005	HORA TIME	10:55:15	No.CLIENTE CUSTOMER No.	7278	ALMACEN BRANCH	41827	R55370001	
SOLD TO: VENDIDO A:	FERRE BARNIEDO, S.A. DE C.V.		ENVIADO A: SHIP TO:		FERRE BARNIEDO, S.A. DE C.V.		CONSIGNAR A: C.BROKER:		27686		
AV. REVOLUCION N. 81 A.P. 17 ECATEPEC DE MORELOS MEX CP:55000			AV. REVOLUCION N. 81 A.P. 17 ECATEPEC DE MORELOS MEX CP:55000								
MEX RFC:FBA-830114-618			MEX RFC:FBA-830114-618								
TRANSPORTE SHIP VIA	9830	Transportista Dummy Terrestre		No.GUIA SHIPMENT No.	10947	No.PLACAS LOC.PLATES	607 CU5	OE 7	E	USUARIO USER	AGONZALEZ

ANALISIS QUIMICOS/CHEMICAL ANALYSIS

COLADA HEAT	Grado de Acero	%P	%S	%Sn	%C	%Cu	%Mo	%Si	%Ni	%Cr	%V	%Mn	%Nb	%Ti	C.Es	I.G.
361023	ASTM A36	.007	.043	.010	.200	.370	.037	.240	.160	.110	.003	.770	.001	.001		
361025	ASTM A36	.009	.031	.016	.210	.250	.033	.220	.080	.110	.002	.780	.001	.001		
361028	ASTM A36	.006	.030	.015	.240	.320	.031	.190	.140	.080	.002	.760	.001	.001		
361030	ASTM A36	.001	.025	.013	.200	.250	.013	.250	.070	.050	.001	.850	.001	.001		

ANALISIS MECANICOS Y FISICOS/MECHANICAL AND PHYSICAL PROPERTIES

COLADA HEAT	Norma de Fabricacion Product Especification	Lim.Elast. Yield Strength (Lb/In2)	Esf.Max. Tensile Strength (Lb/In2)	Elong. (%)	Dureza Hardness	Estructura Estructure	Inclusiones Cleaness	Tamaño Grano Grain Size	Descarbur.	Doblez	Rec/Oval.
361023	ASTM A6/A 6M-94a	53,545	75,673	26							
361025	ASTM A6/A 6M-94a	54,630	76,778	26							
361028	ASTM A6/A 6M-94a	56,936	79,722	26							
361030	ASTM A6/A 6M-94a	55,025	77,263	27							

Producto Item	Atados por Colada Bundles by Heat
361023 CANAL 8SP 20.4KG A36 203.2MM	TFC00795 TFC00798
361025 CANAL 8SP 20.4KG A36 203.2MM	TFC00745 TFC00746 TFC00747 TFC00748
361028 CANAL 8SP 20.4KG A36 203.2MM	TFC00734 TFC00735 TFC00736 TFC00737 TFC00738 TFC00739 TFC00740 TFC00744 TFC00733
361030 CANAL 8SP 20.4KG A36 203.2MM	TFC02733

**CIA. SIDERURGICA DE GUADALAJARA,
 S.A. DE C.V.
 DEPTO. DE EMBARQUES**

ASEGURAMIENTO DE CALIDAD