6600 South Harlem Avenue
Argo, IL 60501-1930
Phone: (708) 594-1700
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WELDBEND

To: PLESA ANAHUAC Y CIAS. S.A DE C.V.

LAREDO,
Attn: HUMBERTO

MATERIAL TEST REPORT
FITTINGS

Order No. 434

Description					Heat I		Steel Producer								
Qty	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Ten	Yield	Elong	BHN
Carbon Equivalence	Notes:														
20" Std LR 90° Elbow					24355		VALLOUREC/MANNESMANN					Hot Formed			
65	.120	.628	.016	.004	.209	.101	.071	.174	.026	000	.003	68167	51053	41.20	149
0.267															

All fittings meet the requirements of ASTM A-234 WPB, (and SA 234) and are seamless except as noted.
Starting Material Seamless Pipe for elbows, tees and reducers, Plate for caps and welded fittings
ISO 9001 2000 CERTIFIED MANUFACTURER
All fittings meet NACE MRO-175 - Latest Revision

GLOBAL REGISTRARS INC.

ANSI-RAB 045 REGISTERED

August 5, 2004

By Joanne Ettesh

Quality Assurance Department
Test Results herein are correct as contained in test records retained by the company
In accordance with EN 10 204 Para 3.1 B