

SIMEC ACERO, S.A. DE C.V. SUICR SAL MEXICALI

ACA12Z

ROLLING MILL TEST REPORT

GENERALS:

DATE : 8/01/13

CUSTOMER: PESA AVIACION Y CIAS, S.A. DE

ORDER : 007943 CONTRATO NI0749-US REMISION: 0022298- 1

PRODUCT : FLAT BAR 3/8x2-1/2"

SPECIFICATION PRODUCT A36/ A36M-08 SHIPPEEFLORES

WEIGHT (KG/MT) : 4.748 LENGTH (MIS) 6.10

** MADE IN MEXICO **

CHEMICAL ANALYSIS:

HEAT	% P	% S	% C	% CU	% MO	% SI	% NI	% CR	% V	% MN	C.E.
487373	.0090	.0310	.2200	.2500	.0160	.2200	.1100	.0800		.9900	.4000
487372	.0090	.0400	.2400	.2700	.0150	.2000	.1000	.0800		.0700	.4400

MECHANICAL PROPERTIES AND PHYSICAL:

HEAT	YIELD POINT (LB/IN ²)	TENSILE STRENGTH (LB/IN ²)	(%) ELONGATION (2")	BEND TEST
487373	58,870	79,744	28	O.K.
487372	58,702	79,879	28	O.K.

COPIES BY HEAT

HEAT

487373 HNG00532 HNG00537 HNG00538 HNG00540 HNG00541 HNG00542 HNG00543 HNG00548 HNG00553 HNG00554
 487373 HNG00555 HNG00556 HNG00557
 487372 HNG00752 HNG00753 HNG00754 HNG00755 HNG00756 HNG00757 HNG00758

SIMEC ACERO
S.A. DE C.V.
ASEGURO DE CALIDAD

[Handwritten Signature]
 AUG 2013
 SIMEC ACERO