

# American Bureau of Shipping

CERTIFICATE NO.  
99-MMP-934



PORT OF ISSUE  
ABS HOUSTON

EFFECTIVE DATE  
18 NOVEMBER 1999

## Certificate of Conformance

THIS IS TO CERTIFY THAT AUTO MECANICA ARAPONGAS, LTDA., RIO DE JANEIRO, BRASIL HAS QUALIFIED FOR REPAIR WELDING OF SHAFTS IN ACCORDANCE WITH THE AMERICAN BUREAU OF SHIPPING "GUIDE FOR REPAIR AND CLADDING OF SHAFTS, 1980"

PROCESS: ROOT - SHIELDED METAL ARC WELDING  
FILL - GAS METAL ARC WELDING

SHAFT MATERIAL: CARBON STEEL - ABS GRADE 2

FILLER: ROOT - A5.1 E7018  
FILL - A5.18 ER70S-6

PROCEDURE: TECMETAL REPORT NO. TR-151/98,  
DATED 13 NOVEMBER 1998

ABS REPORT: 99RJ66816

THIS CERTIFICATE IS VALID FOR FIVE YEARS FROM THE EFFECTIVE DATE.



*W. Hanzajek*  
WILLIAM HANZAJEK  
MMP CHIEF ENGINEER

MMPS2769;50006

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of American Bureau of Shipping or a statutory or industrial standard and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. **This certificate is governed by the terms and conditions on the reverse side hereof.**