



December 22, 2009

CERTIFICATION OF WELDING CONSUMABLE

THIS IS TO ADVISE THAT THE CANADIAN WELDING BUREAU HAS SATISFIED ITSELF THAT **ESAB MEXICO S.A. DE C.V.** ELECTRODE DESIGNATED AS

ATOM ARC 7018

AS MANUFACTURED IN **MONTERREY, MEXICO** MEETS THE REQUIREMENTS OF CLASSIFICATION **E4918** OF CSA STANDARD **W48-06** "FILLER METALS AND ALLIED MATERIALS FOR METAL ARC WELDING".

IN ADDITION, THE DIFFUSIBLE HYDROGEN TEST WAS CONDUCTED IN ACCORDANCE WITH AWS A4.3-93 "STANDARD METHODS FOR DETERMINATION OF THE DIFFUSIBLE HYDROGEN CONTENT OF MARTENSITIC, BAINITIC AND FERRITIC STEEL WELD METAL PRODUCED BY ARC WELDING" AND IS WITHIN THE LIMITS SET BY CSA STANDARD W48.

THIS CERTIFICATION, WHICH IS VALID FOR SIZES UP TO AND INCLUDING **5.0 MM**, EXPIRES ON **AUGUST 20, 2011** AND MAY BE EXTENDED BY MEETING THE TEST REQUIREMENTS OF CSA STANDARD **W48**.

CANADIAN WELDING BUREAU

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AYL/sea
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