



August 27, 2010

CERTIFICATION OF WELDING CONSUMABLE

THIS IS TO ADVISE THAT THE CANADIAN WELDING BUREAU HAS WITNESSED TESTS ON **ATLANTIC CHINA WELDING CONSUMABLES, INC.** ELECTRODE DESIGNATED AS

CHE58-1

AS MANUFACTURED IN **ZIGONG, CHINA** AND AS A RESULT CERTIFIES THAT IT MEETS THE REQUIREMENTS OF CLASSIFICATION **E4918-1-H8** OF CSA STANDARD **W48-06** "FILLER METALS AND ALLIED MATERIALS FOR METAL ARC WELDING".

IN ADDITION, **AFTER BAKING TO THE MANUFACTURER'S RECOMMENDED TEMPERATURE FOR TWO HOURS**, 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 W48-06

THIS CERTIFICATION, WHICH IS VALID FOR SIZES UP TO AND INCLUDING **5.0 MM**, EXPIRES ON **JULY 6, 2012** AND MAY BE EXTENDED BY MEETING THE TEST REQUIREMENTS OF CSA STANDARD **W48**.

CANADIAN WELDING BUREAU

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