



December 13, 2010

### CERTIFICATION OF WELDING CONSUMABLE

THIS IS TO ADVISE THAT THE CANADIAN WELDING BUREAU HAS WITNESSED TESTS ON **NATIONAL STANDARD** ELECTRODE DESIGNATED AS

### **TRU-CORE FC 71T AG**

AS MANUFACTURED IN **TROY, OHIO** AND AS A RESULT CERTIFIES THAT IT MEETS THE REQUIREMENTS OF CLASSIFICATIONS **E491T-9M-H4** OF CSA STANDARD **W48-06** "FILLER METALS AND ALLIED MATERIALS FOR METAL ARC WELDING" USING SHIELDING GAS OF **75% ARGON + 25% CO<sub>2</sub>**.

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 FROM **1.2 MM TO 1.6 MM**, EXPIRES ON **OCTOBER 6, 2012** AND MAY BE EXTENDED BY MEETING THE TEST REQUIREMENTS OF CSA STANDARD **W48**.

CANADIAN WELDING BUREAU

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