CANADIAN WELDING BUREAU

October 21, 2008

CERTIFICATION OF WELDING CONSUMABLE

THIS IS TO ADVISE THAT THE CANADIAN WELDING BUREAU HAS SATISFIED ITSELF THAT **HOBART BROTHERS COMPANY**, **TUBULAR WIRE BUSINESS**, ELECTRODE DESIGNATED AS

TRI-MARK METALLOY 110

AS MANUFACTURED IN **TROY, OHIO** MEETS THE REQUIREMENTS OF CLASSIFICATION **E76C-G-H4 (E110C-G-H4)** OF AWS **A5.28/A5.28M:2005** "SPECIFICATION FOR LOW-ALLOY ELECTRODES AND RODS FOR GAS SHIELDED ARC WELDING", USING SHIELDING GAS IN THE RANGE OF **75% ARGON + 25%CO_2 TO 95%ARGON + 5%CO_2**.

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 AWS STANDARD A5.28.

THIS CERTIFICATION EXPIRES ON **MARCH 31, 2010** AND MAY BE EXTENDED BY MEETING THE TEST REQUIREMENTS OF AWS **A5.28.**

CANADIAN WELDING BUREAU

ALICE Y. LAU, P. ENG.
OPERATIONS MANAGER, INTERNATIONAL & ELECTRODES

AYL/cc

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