



CANADIAN WELDING BUREAU

February 25, 2009

CERTIFICATION OF WELDING CONSUMABLE

THIS IS TO ADVISE THAT THE CANADIAN WELDING BUREAU HAS WITNESSED TESTS ON **MAXAL INTERNATIONAL INC.** ELECTRODE DESIGNATED AS

MAXALMIG ER5556/MAXALTIG R5556

AS MANUFACTURED IN **TRAVERSE CITY, MICHIGAN** AND AS A RESULT CERTIFIES THAT IT MEETS THE REQUIREMENTS OF CLASSIFICATION **ER5556** OF AWS STANDARD **AWS A5.10:1999** "SPECIFICATION FOR BARE ALUMINUM AND ALUMINUM ALLOY WELDING ELECTRODES AND RODS".

THIS CERTIFICATION, WHICH IS VALID FOR SIZES **1.2 MM AND UP**, EXPIRES ON **February 25, 2011** AND MAY BE EXTENDED BY MEETING THE TEST REQUIREMENTS OF AWS STANDARD **A5.10**.

CANADIAN WELDING BUREAU

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

AYL/cc
MAT5556



Accredited
CB-P/S
(Certification Body - Product/Services)

7250 West Credit Avenue, Mississauga, Ontario L5N 5N1
Tel: 1-800-844-6790 | Fax: 905-542-1318 | International: 905-542-1312
Email: info@cwbgroup.org | Web: www.cwbgroup.org





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THIS IS TO ADVISE THAT THE CANADIAN WELDING BUREAU HAS WITNESSED TESTS ON **MAXAL INTERNATIONAL INC. ELECTRODE DESIGNATED AS**

MAXALMIG ER5183/MAXALTIG R5183

AS MANUFACTURED IN **TRAVERSE CITY, MICHIGAN** AND AS A RESULT CERTIFIES THAT IT MEETS THE REQUIREMENTS OF CLASSIFICATION **ER5183** OF AWS STANDARD **AWS A5.10:1999** "SPECIFICATION FOR BARE ALUMINUM AND ALUMINUM ALLOY WELDING ELECTRODES AND RODS".

THIS ELECTRODE IS THEREFORE ACCEPTABLE FOR USE BY FABRICATORS CERTIFIED BY THE CANADIAN WELDING BUREAU TO THE REQUIREMENTS OF CSA STANDARD W47.2-1987 "CERTIFICATION OF COMPANIES FOR FUSION WELDING OF ALUMINUM" IN ACCORDANCE WITH THE CONDITIONS OF CLAUSE 8.2.2, WELDING RODS AND ELECTRODES.

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MAXALMIG ER5554/MAXALTIG R5554

AS MANUFACTURED IN **TRAVERSE CITY, MICHIGAN** AND AS A RESULT CERTIFIES THAT IT MEETS THE REQUIREMENTS OF CLASSIFICATION **ER5554** OF AWS STANDARD **AWS A5.10:1999** "SPECIFICATION FOR BARE ALUMINUM AND ALUMINUM ALLOY WELDING ELECTRODES AND RODS".

THIS CERTIFICATION, WHICH IS VALID FOR SIZES **1.2 MM AND UP**, EXPIRES ON **February 25, 2011** AND MAY BE EXTENDED BY MEETING THE TEST REQUIREMENTS OF AWS STANDARD **A5.10**.

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THIS IS TO ADVISE THAT THE CANADIAN WELDING BUREAU HAS WITNESSED TESTS ON **MAXAL INTERNATIONAL INC.** ELECTRODE DESIGNATED AS

MAXALMIG ER5356/MAXALTIG R5356

AS MANUFACTURED IN **TRAVERSE CITY, MICHIGAN** AND AS A RESULT CERTIFIES THAT IT MEETS THE REQUIREMENTS OF CLASSIFICATION **ER5356** OF AWS STANDARD **AWS A5.10:1999** "SPECIFICATION FOR BARE ALUMINUM AND ALUMINUM ALLOY WELDING ELECTRODES AND RODS".

THIS CERTIFICATION, WHICH IS VALID FOR SIZES **0.8 MM AND UP**, EXPIRES ON **February 25, 2011** AND MAY BE EXTENDED BY MEETING THE TEST REQUIREMENTS OF AWS STANDARD **A5.10**.

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THIS IS TO ADVISE THAT THE CANADIAN WELDING BUREAU HAS WITNESSED TESTS ON **MAXAL INTERNATIONAL INC. ELECTRODE DESIGNATED AS**

MAXALMIG ER4043/MAXALTIG R4043

AS MANUFACTURED IN **TRAVERSE CITY, MICHIGAN** AND AS A RESULT CERTIFIES THAT IT MEETS THE REQUIREMENTS OF CLASSIFICATION **ER4043** OF AWS STANDARD **AWS A5.10:1999** "SPECIFICATION FOR BARE ALUMINUM AND ALUMINUM ALLOY WELDING ELECTRODES AND RODS".

THIS CERTIFICATION, WHICH IS VALID FOR SIZES **0.8 MM AND UP**, EXPIRES ON **February 25, 2011** AND MAY BE EXTENDED BY MEETING THE TEST REQUIREMENTS OF AWS STANDARD **A5.10**.

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THIS IS TO ADVISE THAT THE CANADIAN WELDING BUREAU HAS WITNESSED TESTS ON **MAXAL INTERNATIONAL INC.** ELECTRODE DESIGNATED AS

MAXALMIG ER1100/MAXALTIG R1100

AS MANUFACTURED IN **TRAVERSE CITY, MICHIGAN** AND AS A RESULT CERTIFIES THAT IT MEETS THE REQUIREMENTS OF CLASSIFICATION **ER1100** OF AWS STANDARD **AWS A5.10:1999** "SPECIFICATION FOR BARE ALUMINUM AND ALUMINUM ALLOY WELDING ELECTRODES AND RODS".

THIS CERTIFICATION, WHICH IS VALID FOR SIZES **0.9 MM AND UP**, EXPIRES ON **February 25, 2011** AND MAY BE EXTENDED BY MEETING THE TEST REQUIREMENTS OF AWS STANDARD **A5.10**.

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