



CWA UpDate



Canadian Welding Association | Association canadienne de soudage

Issue 2- November 1st (2017/2018 season)

Hamilton and Region Chapter

Please plan to attend our next seminar

Wednesday November 1, 2017

Holiday Inn Burlington Hotel & Conference Centre

Located at 3063 South Service Road, Burlington. Attitude adjustment: 5:30 p.m. Dinner: 6:00 (Sharp) Seminar 7:00 pm Dinner entrance fees for this meeting are: \$20 for students, \$35.00 (members and \$40 for non-members

Note: "First year" basic membership is free (at present)

You **must** reserve for Dinner.

Topic

Advancements in Automated Weld Grounding

By: Bob Bosworth

Efficient secondary weld grounding has long been plagued by an absence of facts. Welding technology continues to develop and relies greatly on the application of a ground to complete the welding circuit, plus many machines now require electrical feedback making an inconsistent ground connection an invisible culprit in many welding issues. This presentation will review the essential elements required to make your grounding as predictable as possible in both automation and manual application. Equipment selection, surface inconsistencies, location and other variables will be explored.

Biography: Bob began his apprenticeship in boiler & jobbing shops in Brantford, Ont. in 1980. By 1986 he earned his Certificate of Apprenticeship as a Fitter/Welder, Certificate of Qualification as a Structural Steel Plate Fitter, and most currently the Metal Fabricator certification. Over the past 30+ years he has worked in many aspects of welding from being a ticketed pressure vessel welder and welding inspector, to the welding of specialty metals such as tool steel, copper alloys, tin & lead (Babbitt), and many of the thermal spray welding processes. His experience includes decades of high production automotive technical development, support and training in MIG/MAG, GTAW (Production & Maintenance), Resistance & Projection Welding, and Solid-State Bonding. Bob also taught the Metal Fabricator Apprenticeship programs at Mohawk College for 20 years part-time.



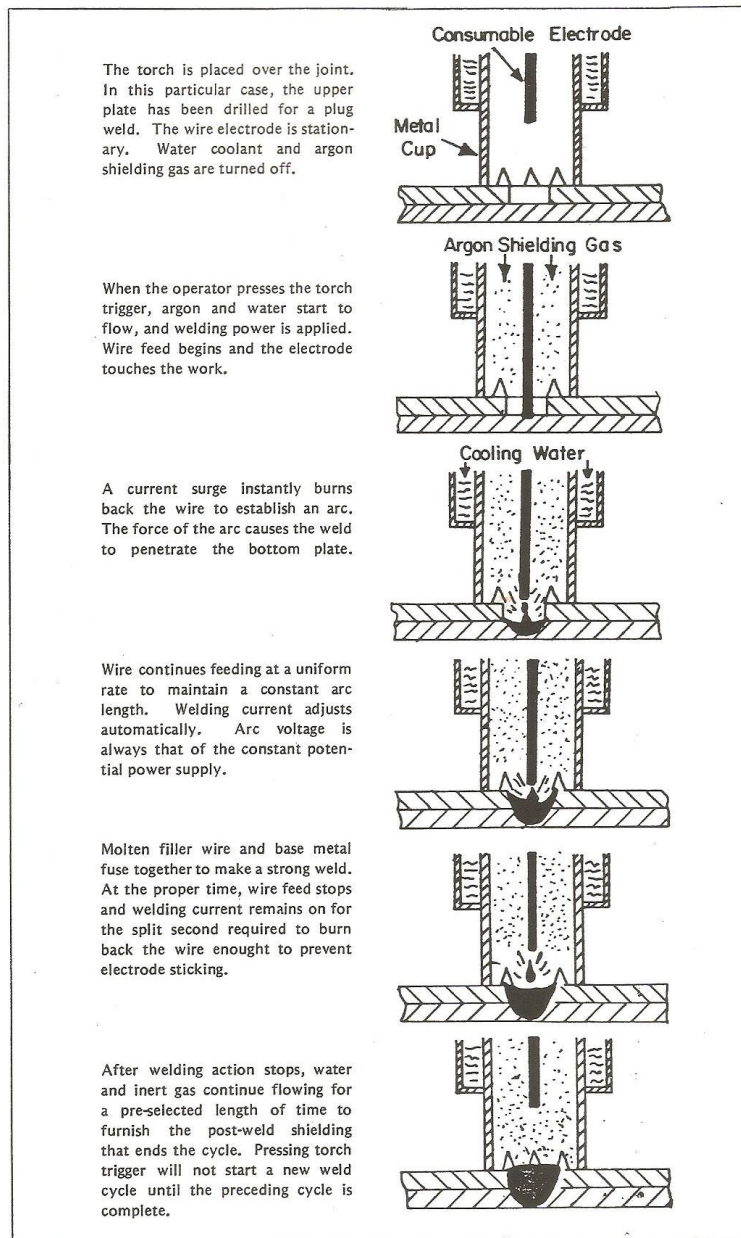
Next meeting: Wednesday December 6/2018

Topic: Topic to be announced

Contact any Hamilton Chapter Board Member for Tickets.

Note! You must reserve in advance

Please register
by contacting **Franco Piccoli**
(905) 317-6543
by Friday October 27, 2017
Alternate Contact:
Don Hutt (905) 548-7200 (ext.3079)



The sequence of operation in making arc spot welds

Fig. 53

(for more information see page 49 CWB module 04 “*Welding Process & Equipment*”)

Copyright © 2017 by CWB Group. Reproduced with permission

How to contact us
 Canadian Welding
 Association
 Administration Office
 8260 Park Hill Drive
 Milton, ON L9T-5V7

Toll Free
 1-800-844-6790,
 ext. 256
 Fax: 905-542-1318
 E-Mail:
 Hamilton@cwa-acs.org
 Web site:
www.cwa-acs.org

Former Chair: **Don Gemmell** Niagara College (905) 735-2211 (7371)

Secretary: **Jonas Sykula** jsykula@hwdsb.on.ca

Treasurer: **Franco Piccoli** of:

Lawson Products Inc-Cronatron/Certanium Divisions (905) 317-6543

Publicity Chair: **Don Hutt** Arcelormittal Dofasco (905) 548-7200 (3079)

Welding Journal Chair: **Kevin Moulton** Lincoln Electric (289) 439 4556

Membership Chair: **Martin Balah** Air Liquide (289) 260-7187