



American Welding Society

www.awssection.org/boston

OFFICERS

Rick Moody
Chairman

rmooddy@artisanind.com
Artisan Industries Inc.
73 Pond Street
Waltham, MA 02451-4594
781-893-6800 x263

Bob Lavoie
First Vice Chairman

theportableweldshop@yahoo.com
The Portable Weld Shop
PO Box 1476
Andover, MA 01810
978-423-1491

Gary Hylan
Treasurer

ghylan@middlesexgases.com
Middlesex Gases & Technologies
292 Second Street
Everett, MA 02149
617-387-5050

Jack Paige
Secretary

jm_paige@mcttelecom.com
14 Grist Mill Road
Sutton Mills, NH 03221
603-491-8169

Thursday April 7, 2011 5:30 PM

Plant Tour & Presentation ARTISAN INDUSTRIES INC.

73 Pond Street
Waltham, MA
www.artisanind.com

Please join us for our first joint meeting of The Boston Sections' of AWS and ASME.

Since 1934 Artisan's experienced chemical and mechanical engineers have teamed up with its skilled craftsmen to custom design and manufacture pressure vessels and other equipment. Artisan has provided worldwide solutions to some of the most difficult challenges in the following industries: chemical, petrochemical, food, pharmaceutical, waste reduction, defense, aerospace, energy and power industries.

Awarded - ASME Nuclear Safety Critical Pressure Vessel Certification in 2010

The Plant Tour & Presentation will cover the following capabilities:

Mechanical Design

- ASME Certifications – N, NPT, U, U2, and R
- Piping, Seismic, Structural and Fluid dynamics analysis
- Foreign Codes – PED/CE, GOST, China SML, numerous other countries

Chemical process design

- Simulation of thermal separations - CHEMCAD
- Steam jet & hybrid vacuum systems
- Pilot Plant verification
- Proprietary Technologies

Manufacturing

- NQA-1 compliant
- Welding processes: GTAW, SMAW, GMAW/FCAW, and SAW
- Large & small CNC and conventional machining equipment
- Nondestructive testing methods RT, MT, PT and VT
- 55, 000 square feet
- Up to 30 ton overhead crane capacity
- Up to 30,000 Lb capacity forklifts and 50,000 Lb capacity welding positioners

Pizza & sodas will be served in the shop.

Members & Guests \$5.00 each collected at the door

Students & Retirees no charge

Please RSVP to Rick Moody at rmooddy@artisanind.com or 781-893-6800 x263

**NEW ENGLAND
SCHOOL OF
METALWORK**

7 Albiston Way
Auburn, Maine 04210
1-888-753-7502

Metalsmithing Program Director:
Dereck Glaser (207) 777-3375

Welding Program Director:
Warren Swan (207) 753-1360

Mobile Welding Trailer Instructor:
Ron Guimond (207) 782-5148

Programs:
Blacksmithing, Bladesmithing,
Weld training certification,
Casting, GMAW, SMAW, FCAW,
Safety training, Custom training,
also available our State of the Art
Mobile Welding Trailer.

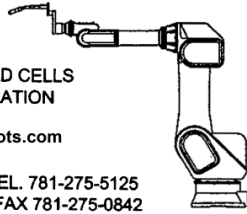
www.newenglandschoolofmetalwork.com

DANGEL ROBOTS & MACHINERY INC.

119A THE GREAT ROAD
BEDFORD MA 01730

TURNKEY ROBOTIC WELD CELLS
ROBOT SYSTEM INTEGRATION
SPECIAL MACHINERY
web site: www.dangelrobots.com

STEPHEN C. DANGEL TEL. 781-275-5125
FAX 781-275-0842



CONTINUOUS SERVICE SINCE 1949

**Middlesex Gases
& Technologies Inc.**

EVERETT, MA
FRAMINGHAM, MA
HAVERHILL, MA
LOWELL, MA
PLAINVILLE, MA
WARWICK, RI

Specialty/Industrial Gases and Welding Supplies

(617) 387-5050 • Fax (617) 387-3537
E-mail: Info@middlesexgases.com

www.middlesexgases.com



www.thermadyne.com

Victor® • Tweco® • Thermal Dynamics® • Arcair®
Thermal Arc® • Stoodly® • TurboTorch®



95 FIRST STREET TELEPHONE
BRIDGEWATER, MA 02324 508-697-6068

A B C Testing Inc

Specializing In: Fast, Reliable Welder and
Procedure Qualifications
Military and Commercial
Complete Non-destructive Testing
Services
Field and Lab
CWI and ASNT Qualified

**TOTAL
WELDING
SUPPLY**

BILL ALLEN
Sales Engineer



A full line distributor of
• Industrial, Medical & Specialty Gases
• Welding Equipment & Supplies • Machine Rentals & Repairs

201-203 N. MONTELLO ST.
BROCKTON, MA 02301

PHONE: (508) 559-0977
FAX: (508) 559-2700

**We Machine Your
Large, Precision Fabrications
Cost Effectively!**

High Quality, On-Time, Machining Solutions
All Phases of Fabrication Under One Roof

We Control the Process From
Start to Finish!

We Machine Pipe Up to 20" in diameter
up to 75 feet long

Call Us for a Quote Today!
603-889-2600 Ext 728



18 Park Ave., Hudson, NH 03051
Phone: 603-889-2600 Fax: 603-889-2489
Email: gmfco@gmfco.com
Website: www.gmfco.com



You'll Find It With Us

*"The Largest Independent Supplier
Of Industrial, Medical, Specialty
Gases and Welding Equipment
In North America."*

Airgas-East, Inc. Customer Service Phone: 866-718-0685
1 Plank Street, Billerica, MA 01821 Phone: 978-663-0222
351 Vassar Street, Cambridge, MA 02136 Phone: 617-491-3553
79 Clapp Street, Dorchester, MA 02125 Phone: 617-825-3230
5 Pond Park Road, Hingham, MA 18201 Phone: 781-740-0215
4 ABERJONA DRIVE, Woburn, MA 01801 Phone: 781-938-0000

RAMSAY WELDING

Fabrication & Welding
CNC Machining & Punching
Angle Ring & Plate Rolling
STAINLESS, ALUMINUM, STEEL
NICKEL ALLOYS & TITANIUM

38 Sixth Road Tel: 781-933-4900
Woburn, MA 01801 Fax: 781-933-5668

www.ramsaywelding.com
e-mail: ramsaywelding@rcn.com



WELD TEST SERVICES
WELD TEST COUPONS
DESTRUCTIVE TESTING
WELD ENGINEERING
DESTRUCTIVE TEST EQUIPMENT

WPS • TENSILE • BEND • CHARPY • PQR
PROCEDURE & PERFORMANCE
QUALIFICATION

TRIANGLE ENGINEERING INC.

6 Industrial Way
Hanover, MA 02339
FAX: 781-878-2547 • EMAIL: info@trieng.com

(617) 926-2030 Fax (617) 926-9053

**IGO'S
Welding Supply, Co., Inc.**

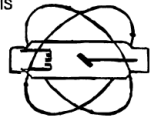
Industrial • Medical • Scientific • Cryogenic
Gases & Related Equipment

William J. Igo 205 Grove Street
Watertown, MA 02472

BAKER TESTING SERVICES, INC.

NONDESTRUCTIVE EXAMINATION
METALLURGY AND FAILURE ANALYSIS

Donald M. Palmer
President
ACCP Professional Level III
58138



(781) 871-4458
FAX (781) 871-0123

22 RESERVOIR PARK DRIVE-UNIT 1
ROCKLAND, MASSACHUSETTS 02370
www.bakertesting.com
dpalmer@bakertesting.com

FRASER MOLLOY

New England's Leader in Stud Welding

Office and Warehouse
32 Spice Street
Charlestown, MA 02129
1-866-935-WELD (9353)
mike.gilberto@frasermolloy.com

Wear Protection Studs Equipment Sales & Rental
Headed & Deformed Anchors Equipment Repairs
Shear Connectors Application Analysis



Complete one stop
METAL FABRICATION SERVICES
Quality welding, machining, fabricating
and assembly to ASME code, military
and industrial specifications plus
engineering & design assistance

Engineering and Manufacturing
73 POND STREET
WALTHAM, MA 02451
U.S.A.

(781) 893-6800 x236
FAX (781) 647-0143
www.artisanind.com

**This
Space
Available**

Knowledgeable People... Brands
You Can Trust... Since 1921



Gases, Welding, Industrial & Safety Supplies
ABCODelivers.com

Your Local "Single Source" for

- Industrial & Welding Equipment
- Industrial & Welding gases
- Medical & High Purity Gases
- Liquid & Pharmaceutical Grade Gases
- Bulk & Micro-Bulk Gas Solutions
- Automation & Robotic Solutions
- Rental & Repair of Welding Machinery
- Safety Products/MRO Products

ABCO AUBURN, MA + ABCO WARWICK, RI + ABCO NASHUA, NH
800-486-6397 800-734-2920 877-600-2042

Directions to Artisan:

From the South – Off of Route 95 N (128N) take exit 26 US-20 East for 1.4 miles. At the 5th light on Rt. 20 take a left onto Bacon Street. Go .2 miles and at second right take Pond Street. About 200 yards down look for our sign and long driveway on the left.

From the North – Off of Route 95 S (128S) take exit 27B Totten Pond Road for 1.2 miles to the end. Go right onto Lexington Street for .7 miles past the fire station go right onto Pond Street. .2 miles down look for our sign and long driveway on the right.

Electronic Newsletters:

This is the third month we have distributed the newsletter via hard copy US mail and electronically. We will continue this for May & June. Next program year we will be moving to electronic distribution of our newsletter. The hard copies cost over a dollar a piece and we send out over 500 each month. If you are not receiving the electronic newsletter, then go online to input your e-mail address by logging-onto the AWS member's only site, using your member number and password. Or you may phone the Membership Department directly; toll free at 800-443-9353 x 480.



NEW BEDFORD WELDING SUPPLY
MILLER & HOBART DISTRIBUTORS

ROBERT C. COOK
PRESIDENT

286 HERMAN MELVILLE BLVD
NEW BEDFORD, MA 02740
508-997-2051 / 800-662-3357

TAUNTON BRANCH
446 BROADWAY
508-824-2790
FAX: 508-997-0344



Offering:

- Associate Degree in Welding.
- Welding Certificate (evenings only).
- Customized Training, your site or ours.

For more information visit:
www.manchestercommunitycollege.edu



MANCHESTER COMMUNITY COLLEGE
1066 Front Street Manchester NH (603) 668-6706 www.manchestercommunitycollege.edu

AWS Boston Section
22 Parish Road
Needham, MA 02494

WIRE & WELDING
SUPPLY

INDUSTRIAL, MEDICAL
& SPECIALTY GAS

FIRE & SAFETY
EQUIPMENT



**LIBERTY
SUPPLY INC.**

195 Hamilton Street
Leominster MA 01453
Tel: (978) 534-5464
(800) 293-FIRE
Fax: (978) 534-0302
www.libertyweld.com



Miller Electric Mfg. Co.
1635 W. Spencer Street
P.O. Box 1079
Appleton, WI 54912-1079

www.MillerWelds.com
1-800-4-A-Miller

The Power of Blue.®

The AWS Boston Monthly allows its individual authors the fullest freedom in expressing opinions. Views expressed are those of the authors and do not necessarily reflect those of the AWS, the AWS Executive Committee, Editor or AWS Boston Section.