



PCB®/SAAMI Members Ballistic Pressure Sensor Users' Group

A training course offered by PCB Piezotronics, Inc.

June 12, 2013 • Buffalo, NY



At this training, participants will learn:

- Conformal Pressure Sensor Series 117B
- Calibration Adaptor Series 090B
- Shot Shell Series 165B
- In-house demonstrations by PCB®'s manufacturing staff
- One-on-one time with experienced applications engineers

Training topics include; the physics and operating characteristics of pressure transducers and associated constraints, signal conditioning, sensor handling, installation and calibration, manufacturing operations and demonstration of PCB firing range.



Who Should Attend:

The program is geared toward senior ballistic technicians, test engineers, and other end users of PCB® ballistic pressure sensors or test facility managers whose work depends on acquiring accurate pressure data.



About the Event:

The training will begin Wednesday, June 12th at 8:00 a.m. It includes all meals, entertainment, and a sightseeing tour of Niagara Falls. Class size is limited to the first 25 registrants. To reserve your space, complete and submit the registration form or contact Alyson Grande at 866-816-8892 ext. 2628, or via E-mail at agrande@pcb.com.



Training attendees enjoy a sightseeing tour including spectacular views of Niagara Falls.



Bob Metz

About the Speaker:

Bob Metz Holds a BS degree in Aeronautical and Astronautical Engineering from The Ohio State University and MBA from State University of NY. Bob has been an instrumentation engineer for 17 years, focusing on vibration, pressure and force measurement using piezoelectric sensors and is currently a Product Manager for the Aerospace & Defense Division of PCB Piezotronics, Inc.

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Agenda

Tuesday June 11, 2013

Upon Arrival / Free shuttle to Holiday Inn Buffalo Airport location

5:30-6:30pm / Registration and Open Bar at Holiday Inn Buffalo Airport

6:00-8:00pm Food buffet and beverage, provided by PCB Piezotronics

Wednesday, June 12, 2013

7:00	Breakfast in Holiday Inn ballroom	1:00	117B Installation/Calibration <ul style="list-style-type: none">• Oil• Brass
8:00	Bus departs to PCB Piezotronics, 3425 Walden Ave, Depew, NY	2:00	Manufacturing Tour <ul style="list-style-type: none">• Crystals• Machine Shop
8:30	Opening remarks, Jim Lally, PCB Piezotronics founder	3:00	Break
8:45	Piezoelectric Pressure Technology Overview <ul style="list-style-type: none">• Piezoelectric Pressure Sensor Theory• Review Series 117B<ul style="list-style-type: none">• Ordering an existing Series 117B• Oil cal• Brass cal• Do you need a Model 090B?• New caliber definition - items required to design, develop and manufacture a new caliber• New Model 165B02 Introduction for Shot Shell	3:15	GROUP A - Assembly of 117B GROUP B - Firing Range Demo <ul style="list-style-type: none">• 165B02 / Shot Shell• 109C / Case Mouth
10:00	Break	4:00	Town Hall Meeting - Open forum <ul style="list-style-type: none">• Web access to sensor information• New product requirements<ul style="list-style-type: none">• Firing pin sensors to replace crushers• Peak meter requirements
10:15	Hands-on Training <ul style="list-style-type: none">• Handling of Sensors & Cables• Measuring Insulation Resistance• Cleaning & Baking Process	4:30	Depart for Holiday Inn Buffalo Airport
12:00	Lunch at PCB Piezotronics	5:30	Depart for Niagara Falls, NY, for dinner and sightseeing
		6:15	Dinner at Seneca Casino, courtesy of PCB®
		10:00	Bus departs from Casino, back to Holiday Inn Buffalo Airport

Please submit completed form via e-mail: agrande@pcb.com or
fax to 716-684-0987 to the attention of Alyson Grande.
For further assistance, call 866-816-8892, ext. 2628 or e-mail: agrande@pcb.com

PCB®/SAAMI Members Training Registration Form

Training: **"Ballistic Pressure Sensors User' Group"**
Presented by: Bob Metz
Dates: Wednesday, June 12th, 2013
Location: Buffalo, New York, USA
Venue: Holiday Inn Buffalo Airport
4600 Genesee St., Cheektowaga, NY 14225

There will be a Welcome Reception at the
Holiday Inn Buffalo Airport
on Tuesday, June 11th from 5:30 - 8:00pm.

Will you be joining us?

RSVP: _____ YES _____ NO

Attendee Registration Form

Name: _____ Title: _____
Company: _____ Primary Industry: _____
Address: _____
City, State, Zip: _____
Phone: _____ E-mail: _____

Payment Details: Cost: **\$200.00** per person (includes training materials, meals, and entertainment)

Select Payment Type: ☐ Company Check (Payable to PCB Piezotronics, Inc.)
☐ VISA ☐ MasterCard ☐ American Express

Credit Card Number: _____

Name on Card: _____

Exp. Date: _____

☐ Company PO PO # _____

(attach copy of company purchase order with billing instructions)

Mail payment or PO to: Alyson Grande, PCB Piezotronics, Inc. 3425 Walden Ave., Depew, New York 14043 USA

Lodging: A block of specially discounted rooms (\$89.00 per night) has been set aside at the Holiday Inn Buffalo Airport. Should you desire lodging, contact the hotel directly by calling (716)634-6969. Free shuttle service is available to this hotel from the Buffalo Niagara International Airport. Car rental is not necessary.

What is your main purpose in attending this seminar? _____

Please list any topics of interest (test set-up, analysis, measurement, design) that you wish to be addressed: _____

Do you wish to have a one-on-one discussion with a PCB Product Manager or Application Engineer at the conclusion of the training, (Thursday, June 13th) _____ Yes Area of interest? _____