

MACKAY PUMP SCHOOL

We have helped over 25,000 pump users improve their trouble shooting skills, reduce operating costs, and increase their pump reliability. May we help you?

Toronto, Ontario

October 14 & 15, 2009

The Mackay Pump School is dedicated to the reduction of operating and maintenance costs. Our objective is to help Operations and Maintenance Engineers and Technicians stop repetitive pump failure and thus eliminate expensive and unscheduled pump downtime. This is achieved by integrating the three vital areas of pump mechanics, system hydraulics and seal operation, which simplifies root cause analysis and develops effective troubleshooting skills.

In these two days, you will learn how to.....

- Pump dangerous fluids safely
- Eliminate cavitation damage
- Protect bearings for longer life
- Stop premature pump failure
- Troubleshoot real problems successfully
- Select the best mechanical seal
- Upgrade a standard process pump
- The 7 secrets of pump reliability

Those who will receive maximum benefit from this school.....

- Design and Maintenance Engineers and Technicians.
- Equipment Specialists
- Pump Maintenance personnel
- Pump and Seal Sales People
- Those who are responsible for pumping equipment and systems.

Your Instructor.....

Internationally recognized as a Specialist in Pumping Reliability, Ross Mackay helps companies reduce their pump operating and maintenance costs. His unique breadth of experience in pumps, seals and pumping systems has been gained through extensive experience in various industries in 33 countries around the world. A graduate in Mechanical Engineering from Stow College of Engineering in Glasgow, Scotland, he has been associated with such companies as Weir, BW/IP, Sulzer and Chesterton. He is the author of "The Practical Pumping Handbook,, "12 Steps to Mechanical Seal Reliability in Centrifugal Pumps" and the 3-volume DVD training series "A Practical Approach to Pumping".

www.practicalpumping.com

Ross Mackay Associates Ltd., 4 Simmons Crescent, Aurora, ON, L4G 6B4
Tel: 905-726-9587 Fax: 1-905-726-2420 email: info@practicalpumping.com

2-DAY MACKAY PUMP SCHOOL

Some clients we have been privileged to serve..... and some of their comments

Commonwealth Edison	City of Tampa, FL	"Excellent, practical approach to troubleshooting and failure analysis."
Louisville Gas & Electric	City of Hamilton, OH	<i>Engineering Supervisor, Oil Refinery</i>
New York Power Authority	Domtar	"Information that would take years to learn thru' experience."
Weyerhaeuser	Dupont	<i>Maint. Tech., Paper Mill</i>
Bowater	Labatt Breweries	"Outstanding! Well thought out and directed."
International Paper	General Motors	<i>Powerhouse Engineer, Automotive Company</i>
Total Petroleum	Kodak	"Anyone who deals with pumps should be made to attend."
Tesoro Alaska Petroleum	Labatt Breweries	<i>Maint. Supt., Water Treatment Plant</i>
Bayer Chemicals	Owens Corning	

Registration Form

Act Now! - Seating is Limited!

Registration fee of \$975.00 per person includes workbook, graduation certificate and lunch.

Group discount for 3 or more from same plant = \$75.00 each

Early Bird Discount when full payment is received 14 days prior to the school = \$50.00 each

50% discount for returning graduates who wish an update or refresher course.

(Please type or print clearly)

Name: 1 _____ Position: _____

Name: 2 _____ Position: _____

Name: 3 _____ Position: _____

Company Name: _____

Address: _____

Tel: _____ Email: _____

Registration Fee: **No. of Places** _____ at \$ _____ each = \$ _____

G.S.T. @ 5% = \$ _____

Total = \$ _____ Cndn. funds

The full registration fee is due and payable prior to course attendance.

Make Checks payable to: Ross Mackay Associates Ltd.
Mail to: 4 Simmons Crescent, Aurora, ON, L4G 6B4

Charge my Credit Card **VISA** **MasterCard** (circle card type)

Name on Card: _____ Acct. No. _____

Signature: _____ Expiry Date _____

The specific hotel location will be advised to all participants following receipt of their confirmed registration.

All registrants may cancel up to ten (10) days before the school for a full refund.

Cancellations received less than ten (10) days before the school are subject to a \$100.00 service charge.

Reservations not cancelled five working days prior to the course are subject to the entire fee.

Substitutions may be made at any time.

Ross Mackay Associates Ltd

4 Simmons Crescent, Aurora, ON, L4G 6B4

Tel: 1-800-465-6260 Fax: 1-905-726-2420 Email: info@practicalpumping.com