

Dealing with industrial

AIR

Emissions

The essential course on how to comply with new air approvals requirements
Ontario's new monitoring and reporting regulations and new NPRI requirements

Tuesday

NOV.
25
2003

Toronto

Board of Trade Airport Centre
830 Dixon Road,
Etobicoke, Ontario

Read, register and route to:

- ✓ Senior Management
- ✓ Corporate counsel
- ✓ Environmental Managers
- ✓ Environmental Lawyers
- ✓ Plant Managers
- ✓ Facilities Managers
- ✓ QA and inspection staff
- ✓ Environmental consultants
- ✓ Technical staff in any industry or institution discharging any greenhouse or other gases into the atmosphere, particularly:
 - ✓ process industries
 - ✓ power generators
 - ✓ manufacturers
 - ✓ municipalities
 - ✓ colleges & universities
 - ✓ hospitals
 - ✓ government offices

AIR EMISSIONS COMPLIANCE is becoming more comprehensive and more complex. Regulators are ratcheting up enforcement and compliance reporting requirements.

New E2 federal regulations will require Environmental Emergency Plans and reporting.

Ever-expanding National Pollutant Inventory requirements mandate emissions reporting for hundreds of substances, including greenhouse gases and smog precursors.

Ontario's O. Reg. 127/01, which already covers major emitters was expanded this summer to cover nearly all medium-size companies. Your monitoring should've started now. But are you sure you're in compliance?

Now in one information-packed day, you can make sure your operations remain ahead of the compliance curve. You will:

- ✓ Get an overview of the new regulatory regime and trends governing air emissions;
- ✓ Discover practical engineering solutions to your air, noise and odour compliance concerns;
- ✓ Understand the mechanics and strategies of reporting; and
- ✓ Learn when and how to negotiate with the ministry.

AIR Emissions

Featuring compliance experts from Willms & Shier, Environmental Lawyers, and air quality specialists from RWDI, leaders in emissions measurement and modelling technology

THE FACTS:

Air compliance becoming more comprehensive, more complex

AIR COMPLIANCE is becoming more comprehensive, more complex and more demanding.

Even as industry and institutions have to understand and meet new standards and regulations, regulators are ratcheting up enforcement measures and compliance reporting.

In Ontario, the Certificate of Approval requirements are being upgraded. MOE is phasing in site-wide certificate requirements that require sophisticated emissions modeling and risk analysis. New Update Protocols mean that existing certificates will be subject to government review, potentially imposing new limits and requiring new approvals for unapproved sources.

New E2 federal regulations will require Environmental Emergency Plans and reporting.

NPRI and the new O. Reg. 127/01 require emissions reporting for hundreds of substances, including greenhouse gases and smog precursors.

To comply, your monitoring must have started now. The responsibility is yours, and if something goes wrong the liability may be yours too.

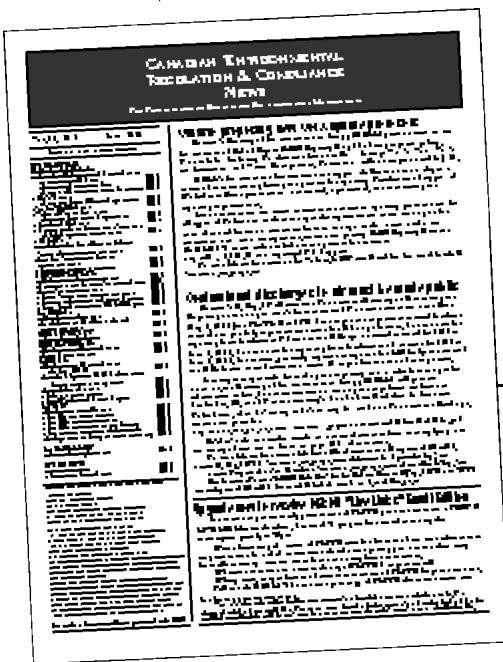
Now, in one information-packed,

solution-oriented day you can gain the know-how and the tools to make sure your operations meet current and future compliance and reporting requirements.

9 solid reasons why you must attend this course

Register for this essential environmental compliance course and you will:

- 1 Get an overview of the new regulatory regime and trends governing air emissions;
- 2 See how the new Ontario regulation fits into the larger regulatory regime – everything from air approvals to NPRI reporting, monitoring protocols; dispersion modelling and enforcement;
- 3 Discover practical and cost-effective engineering solutions to your air, noise and odour compliance concerns;
- 4 Understand the mechanics and strategies of reporting;
- 5 Learn how you can benefit by keeping ahead of the compliance curve;
- 6 Learn how to negotiate with the ministry;
- 7 Demonstrate on-going training in environmental compliance to update your skill-set;
- 8 Take home a comprehensive 500+ page portfolio of useful reference materials, including regulatory texts and ministry compliance guides
- 9 Earn a handsome *Certificate of Participation*, a great addition to your personnel file and proof positive of your organization's commitment to environmental due diligence!



THE SPONSORS: CANADIAN ENVIRONMENTAL REGULATION & COMPLIANCE NEWS

This essential environmental compliance course is sponsored by *Canadian Environmental Regulation & Compliance News* – Canada's leading publication on environmental regulation and compliance. *Canadian Environmental Regulation & Compliance News* is published by compliance information specialists at Templegate Information Services Inc. Templegate runs specialized courses for environmental managers and professionals throughout the year. In addition, Templegate publishes other specialist periodicals including: *Workplace Environment Health & Safety Reporter*. To subscribe, obtain a sample publication or for more information, call (416)920-0768 or email your request to tgate@idirect.com

Back by popular demand!
Ensure worry-free compliance by
attending Canada's leading Air
Emissions compliance course!

THE PROGRAM:

8:00 am onwards:
 9:00 to 9:05 am

Registration Desk and Continental Breakfast
Introductions & course logistics
 - Chair: Douglas Petrie, Partner,
 Willms & Shier Environmental Lawyers

9:05 to 9:50 am

Compliance: Regulatory Framework

- Doug Petrie, Environmental Lawyer, Willms & Shier

- Laws, regulations and guidelines
- Government jurisdiction: who administers, who enforces
- Reporting obligations - EPA discharges and Reg.346 upsets
- MOE Approval Update Protocols
- New federal Environmental Emergency Plan (E2) Regulations
- Due diligence - what it means, why it is vital

9:50 - 10:30 am

Certificates of Approval: Air Emissions - Options and Variables

- Adam Quipp, - Project Manager, Air Quality Specialist-RWDI

- Equipment specific and Site Wide Approvals
- Flexible/comprehensive Certificates of Approval
- Where and when flexible approvals work
- Hidden costs; hidden benefits

10:30 - 10:50 am

Morning Break

10:50 - 11:25 am

Emission Inventory – "The Key Step"

- Adam Quipp, - Project Manager, Air Quality Specialist-RWDI

- ESDM mandatory format
- Practical examples and tips
- O.Reg. 127/01 annual mandatory reporting

11:25 - 11:50 pm

Air Dispersion Models and Compliance

- Mark Vanderheyden, Principal, Air Quality Specialist-RWDI

- Reg.346 – compliance baseline standard
- US EPA models – compare and contrast
- Picking the right model – benefits and pitfalls
- potential economic impacts

11:50 - 1:00 pm

Luncheon

1:00 - 1:40 pm

Prosecution and Enforcement Framework

- Doug Petrie, Partner - Willms & Shier

- Provincial Officer and Director orders and appeals
- Offences and prosecution
- Adverse effects and odour (*Commander case*)
- On-site air emissions – environmental and OH&S charges (*Dow Chemical*)
- Searches, seizure and your rights in the post-INCO era (*INCO*)
- Beyond a reasonable doubt – proving the offence

1:40 - 2:00 pm

Search and Seizure – The Investigator's Perspective

- Ron Quipp - Consultant - Former Investigator, MOE

- MOE perspective on search and seizure
- Powers of inspector vs. investigator
- Routine inspection vs. investigation of offences
- Occurrence reporting system
- A typical investigation – what officers are looking for

2:00 - 2:20 pm

Strategies when the investigator knocks

- Doug Petrie and Ron Quipp

- Doug and Ron discuss legal and practical responses to an investigation that will control confrontation, limit the exposure of individuals to liability, ensure the integrity of evidence and preserve the company's legal rights.

2:20 - 2:40 pm

Afternoon Break

2:40 - 3:25 pm

Urgent Issues: Noise, Odour and Dust

- Mark Vanderheyden, Principal, Air Quality Specialist-RWDI

- Scott Penton, Senior Engineer, Noise Specialist -RWDI

- New focus on noise – now part of every approval
- Odour and adverse effect – a new battleground
- Assessing fugitive dust emissions now that fine particulate matter is toxic under federal law
- Complaint and community relations strategies

3:25 - 4:00

Air Emissions: Information management

- Barry Spiegel, Environmental Lawyer, Willms & Shier

- Confidentiality and privilege
- Access to Information laws and information filed with government
- Certificates of approval and process data recording and reporting
- Reporting excess emissions, upsets etc. under Reg. 346
- Maintaining consistency across all regulatory and voluntary filings
- Documenting due diligence

4:00 - 4:30 pm

Expert Forum: Summary and Q&A

THE EXPERTISE:

Chair: **P. Douglas Petrie LL.B., M.E.S., B.E.S. (Hons.)** is an environmental lawyer and partner with the firm of **Willms & Shier Environmental Lawyers** where he provides due diligence, environmental management and environmental approval advice and representation to industry and municipal corporations.

Faculty: (in alphabetical order): **Scott Penton P.Eng** is an Environmental Noise Specialist at **RWDI**, and has wide experience in conducting Environmental Noise Impact Assessments; **Adam Quipp, d.E.T.** is a project manager and air quality specialist at **RWDI**, managing projects involving C of A applications, emissions inventories, emission testing,

exhaust dispersion, advanced air quality modelling and assessment of emissions to comply with existing and proposed regulatory standards; **Ron Quipp** is a consultant and former investigator with MOE; **Barry Nelson Spiegel, B.A., LL.B.** is an environmental lawyer and Director of Research, Professional Development and Marketing at Willms & Shier, Environmental Lawyers. Barry's practice focuses on compliance with environmental laws, regulations and policies. **Mark Vanderheyden, M.Eng., P.Eng.** is a Specialist/Principal with **RWDI's** air quality team. Mark has coordinated a large number of major air quality projects involving numerical modelling, exhaust dispersion, and fluid modelling of vehicular emissions.

Dealing with Industrial

AIR EMISSIONS

Nov. 25

Toronto Board of Trade Airport Centre,
830 Dixon Road, Etobicoke, Ontario

To register: Complete and mail the Registration Form (below) with your payment today. Cheques should be made payable to: **Templegate Information Services Inc.** (GST # 130277288) and addressed to:

Templegate Information Services Inc., 131 Bloor Street West, Ste 200-206, Toronto, Ontario, Canada M5S 1R8.

You may reserve your place by calling (416)920-0768 or by faxing the completed Registration Form to (416)920-0620.

Cancellations and Substitutions: Refunds will be given for cancellations received in writing 20 days prior to the course date. Refunds cannot be given after this time. Delegate substitution is permitted at all times. Please note, if you register for the course and do not attend, you are liable for the full registration fee, unless you cancel within the time period stated above. Note that Templegate Information Services Inc. reserves the right to change program content or substitute speakers if circumstances require, without further notice and assumes no liability for these changes.

Location and Accommodation: The Metro Toronto Board of Trade Airport Club is conveniently located at 830 Dixon Rd., close to Toronto's Pearson International Airport. Nearby hotels include: Best Western Carlton Place Hotel (416)675-1234; Delta Toronto Airport Hotel, (416)675-6100; International Plaza Hotel (416)244-1711; Marriott Airport Hotel (416)674-9400; Novotel Toronto Airport (416)798-9800; and Radisson Suite Hotel (416)242-7400.

Environmental Regulation and Compliance

Nov.24

\$100 SIGNING BONUS: First registrants for this AIR EMISSIONS course who wish to also attend the companion course on **Environmental Regulation and Compliance** scheduled for Nov. 24 at the same location, receive a \$100 discount off the cost of the second registration. To receive more information on companion courses, call (416)920-0768.

Dealing with Industrial AIR Emissions PRIORITY REGISTRATION FORM.....

✓ YES! Register me/us for:

Signing Bonus: Register now for this course and receive a \$100 Signing Bonus* when you also register for the companion course on **Environmental Regulation and Compliance** - Nov. 24 (* Bonus applies to 1st registrants only)

Dealing with Industrial and Institutional AIR Emissions
ONE DAY ONLY, NOV. 25 at: The Airport Club, Metro Toronto Board of Trade, 830 Dixon Road, Etobicoke, Ont. Canada

Registrant #1 @ \$595 (+7%GST) ± Registrant #2 @ \$565 (+7%GST) ± Registrant #3 @ \$535 (+7%GST)

Name(s).....

Job title:.....

I have enclosed cheque for \$..... + GST(@7%) = \$..... payable to: **Templegate Information Services Inc.**

I wish to pay by VISA/ MASTERCARD: Card #/...../.....

Card Holder's Name: Date of Expiry

Tel: (.....)- Fax: (.....)-

Please mail the completed Registration Form, along with payment, to: Templegate Information Services Inc., Ste.200-206, 131 Bloor Street West, Toronto, ON, Canada M5S 1R8. Fax to our Order Desk at (416)920-0620 to secure early registration. To register by phone, or for more information, call (416)920-0768. Photocopy form if necessary for multiple registrations.

ATTN. MAILROOM: If undeliverable to addressee, please forward to: MANAGER, ENVIRONMENTCOMPLIANCE

Name of (first) registrant:.....
Position:
Company/Organization:
Address:
City:Prov/State: Post/Zip Code:

