

EHS Headlines

July 2000

Placing Clients First in Environment, Health and Safety

Regulatory Changes Expected in September

OEL Proposed Limits Effective September 30, 2000

On June 21, Minister Stockwell announced the adoption into regulation the proposed limits of a total of 206 substances.

Of the 213 occupational exposure limits (OELs) proposed in November 16, 1999, 202 limits will be adopted as announced. The OELs for Petroleum Coke (total dust) will be effective December 31, 2001 and the OEL for glutaraldehyde will come into effect on June 30, 2002. As well, the OEL's for Benzene and 1,3-Butadiene are being reduced to an interim limit effective September 30, 2000 while the Ministry continues consultations to determine a practical implementation date for the originally proposed limit. The adoption of limits for 7 substances was not considered practical at this time and the Ministry will continue consultations on these matters.

The Ministry has also made changes to O.Reg.833, the Regulation respecting Control of Exposure to Biological or Chemical Agents, and six designated substance regulations. Parts 4, 5, 6, 7, and 8 of O.Reg.833 have been combined to create a single alphabetised list of substances. The methods of air sampling and analysis and the Code for Respiratory Equipment have also been updated for six designated substances.

Substance	Previous OEL	New/Updated OEL	Enforcement Date
202 substances	(see MOL Announcements at www.gov.on.ca/lab)		Sept.30/00
Benzene	TWAEV 5 ppm	TWAEV (interim) 1 ppm	Sept.30/00
Benzene	--	STEV (interim) 5 ppm	Sept.30/00
1,3-Butadiene	TWAEV 10 ppm	TWAEV (interim) 5 ppm	Sept.30/00
Petroleum Coke	--	TWAEV 3.5 mg/m ³	Dec.31/01
Glutaraldehyde	CEV 0.2 ppm	CEV 0.05 ppm	Jun.30/02

Substances under further review: Carbon monoxide, Formaldehyde, Manganese, Ozone, Poly vinyl chloride dust, Styrene, Wood dust (not otherwise classified).

PDR Regulatory Changes

The Ontario Ministry of Labour is expected to announce changes to Section 7 of the Industrial Establishments Regulation this September. The changes will affect predevelopment safety reviews. Here are two key changes we expect: (1) Where the PDR is required due only to the presence of a substance that is designated or hazardous, it will not be necessary for the PDR to be performed by a PEng (a suitably qualified person such as a Certified Industrial Hygienist ["CIH"] can do it); (2) There will be an effort to better define or clarify the circumstances (i.e. construction, installation, alteration, development, predevelopment) under which a PDR is required (the goal being to eliminate unwarranted reviews).

MANY NEW COURSES AVAILABLE FOR Y2K.
VISIT OUR WEBSITE FOR MORE INFORMATION:
www.rea.ca or www.rea4ehs.com



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Update: JHSC Certification

Our sources have advised us that the Workplace Safety and Insurance Board (WSIB) is planning to announce an update to the Joint Health and Safety Committee (JHSC) Certification requirement. As of June 2001, those wishing to become or remain certified must complete both basic and workplace/sector specific hazard training. Therefore, those who currently hold their basic certification card must complete their workplace/sector specific hazard training by June 2001 to be considered fully certified with all the rights associated with being a certified member.

New Appointment

REA is proud to announce a new addition to our team: Vincent Germanese, Director of Marketing and New Business Development. Vincent comes to us with an extensive marketing background with a speciality in occupational health and safety. For future projects or more information, please contact Vince at vgermanese@rea4ehs.com.

Upcoming Courses

August 8/9: Toronto - JHSC Basic Certification
August 15/16: London - JHSC Basic Certification
August 22/23: Ottawa - JHSC Basic Certification
August 24/25: Toronto - OHS "Competent Person"
August 28 to 30: London - Municipal Sector Basic + Hazard Specific Joint Health and Safety Certification
September 7/8: Toronto - JHSC Basic Certification
September 11 to 13: Toronto - Municipal Sector Basic + Hazard Specific Joint Health and Safety Certification
September 12/13: Kingston - JHSC Basic Certification
September 15: Toronto - Machine Safeguarding
September 21/22: Toronto - JHSC Basic Certification

Joint Health and Safety Committee Certification

"The  Hour Course"

Ontario's Occupational Health and Safety Act requires every workplace Joint Health and Safety Committee to have at least two "Certified Members". This course is approved by the Ontario Workplace Safety and Insurance Board for basic certification of committee members. Through lectures, exercises, case studies and group discussions, this course provides learners with the essential skills and knowledge needed to work effectively as key members of Joint Health and Safety Committees.

What Participants are Saying...

"The course was excellent, intense and exciting. The multimedia aspect and the way the instructor brought it across went very well together." H.E., Sunlife of Canada. "The instructor was knowledgeable, professional and articulate... the group learned what can be a very dry subject in a most interesting way... one of the best instructors I have been enrolled with in any course." S.S., Corel Corporation. "Instructor extremely personable and knowledgeable... related actual situations/ case histories to help explain and motivate...well prepared and excellent rapport with the group." G.B., Kingston Fire Dept.

Upcoming Course Dates:

Toronto:	August 8/9, September 7/8, 21/22
Ottawa:	August 22/23
Kingston:	September 12/13
London:	August 15/16
Kitchener-Waterloo:	September 26/27

Registration Fees:

\$425 + GST. Includes: course; manual; copy of consolidated OHS Act and regs; lunch; refreshments; trial subscription to "SafetyCommittee.net" -- the newsletter for and about safety committees.



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To register call: 1-888-rea-4-ehs

Register online at: www.rea.ca

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Joint Health and Safety Committee Certification Municipal Sector Basic Hazard Specific Training

Ontario's Occupational Health and Safety Act requires every workplace Joint Health and Safety Committee to have at least two "Certified Members", one representing management and one representing non-management. The certification process involved two forms of training: "basic" certification training, followed by "hazard specific" certification training.

About the Course

This course combines REA's 16-hour "basic" certification with municipal sector specific content dealing with hazard identification, evaluation and controls in a broad range of municipal "operations-type" workplaces (parks, property, work, sanitation, roads). The most current information available relating to municipal sector hazards are provided from sources such as the Ontario Ministry of Labour, NIOSH, and OSHA.

Upon successfully writing two examinations at the end of the course, participants will receive both "basic" and "permanent" certification from the Workplace Safety and Insurance Board (WSIB).

Intended Audience

Committee members who work in parks, property, works, sanitation, roads, or related municipal operations areas.

No prior OHS training required.

Course Duration: 3 days

Registration Fee:

\$545 per person plus GST

Includes: course; manual; copy of consolidated OHS Act and regs; trial subscription to "SafetyCommittee.net"
-- the newsletter for and about safety committees.

Upcoming Course Dates

LONDON:

Monday, August 28, 2000 to Wednesday, August 30, 2000

TORONTO:

Monday, September 11, 2000 to Wednesday, September 13, 2000

NOTE: This course is also offered on an "in-house" basis (your location).



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Register Today

*Call us at 1-888-REA-4-EHS, or
Register on-line at www.rea4ehs.com*

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The OHS "Competent Person" Course

They may be good at what they do, but are they "Competent"?

The Occupational Health and Safety Act requires employers to "appoint only competent persons" as supervisors. The Act and regulations also require that only "competent persons" or "competent workers" operate cranes, assemble scaffolds, inspect framework and falsework, test for hazardous conditions, act as signallers, operate mobile equipment, and carry out a variety of other activities. Ensuring compliance with these obligations is a key step in showing due diligence.

This course is designed to help employers meet their statutory duties relating to "competent" personnel by: (1) improving learner familiarity with the OHS Act and regulations; (2) developing learner skills in identifying and evaluating actual and potential dangers in the work; and (3) teaching practical steps to protect safety in the workplace.

Upcoming Course Date:

Toronto

August 24/25

"Competent Person" means a person who, (a) is qualified because of knowledge, training and experience to organize the work and its performance, (b) is familiar with the OHS Act and regulations... and (c) has knowledge of any potential or actual danger to health or safety... (Sec. 1, OHS Act).
An employer shall... when appointing a supervisor, appoint a competent person. (Sec. 25(2)(c), OHS Act).

The Construction Safety Management Course

A "constructor" must ensure that every employer and every worker performing work on a construction project complies with health and safety laws. Enforcement and case law have shown that many employers are unaware of the duties they may have as "constructors".

This course provides an in-depth understanding of: (1) "how" and "when" a party becomes a "constructor"; (2) the differences in roles and responsibilities of the "constructor", "owner", and "employer"; (3) past prosecution trends for contraventions of constructor duties, and outcomes; (4) the fundamentals of a sound construction project safety management program (including sample documents, forms, etc.).

What people are saying...

"... I would like to thank you for the material you presented in the two day Construction Safety Management workshop - it has given me the opportunity to look at in detail some of our current practises and approaches to construction project safety. The material was presented in a very useful and practical way. Thanks again!"
J.S., Regional Municipality of Halton

Upcoming Course Dates:

Toronto
Ottawa

October 24/25
October 26/27

Registration fees for either course:

\$475 + GST. Includes: course; manual; copy of consolidated OHS Act and regs; lunch; refreshments; trial subscription to "SafetyCommittee.net" -- the newsletter for and about safety committees.

To register call: 1-888-rea-4-ehs
Register online at: www.rea.ca

Also available at client sites.
Inquire for group pricing.



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Fundamentals of**Machine****Safeguarding****The Presenting Problem**

Inadequate machine guarding is one of the most common causes of serious workplace injuries in Ontario. It is also one of the most common reasons for prosecution under the Occupational Health and Safety Act.

In our practice, we have found that changes to Section 7 of the Industrial Establishments Regulation have raised awareness of the need to ensure proper machine guarding; and thereby created a demand to address gaps in knowledge and practice relating to machine safeguarding.

The goal of this course is to increase understanding of proper safeguarding strategies, technologies, design practices, standards, and applications.

Intended Audience:

Process Engineers	Ergonomists
Machine Builders	Technologists
Process Designers	Machine Maintainers
Safety Specialists	

Registration Fees:

\$495 + GST. Includes: course; manual; copy of OHS Act and regs; lunch; refreshments.

Course Dates: September 15, 2000, Toronto
September 29, 2000, London

Curriculum

1. Regulatory Aspects
 - 1.1 Guarding Requirements of the Industrial Establishments Regulation (Sections 13, 14, 24 through 35)
 - 1.2 Relationship of Guarding to Zero Energy State Requirements
 - 1.3 Relevance of Non-regulatory Standards and Guidelines to Compliance
 - 1.4 Review of Prosecutions Case Law involving Safeguarding Deficiencies
2. Conceptual Design Process
 - 2.1 Goals and Deliverables
 - 2.2 Identification of Hazards and Danger Points
 - 2.3 Identification of Access Points
 - 2.4 Factors in Determination of Suitable Safeguarding Devices (access, hazards, failure tolerance level, operational considerations, compliance)
 - 2.5 Specification of Performance Features (and Ideal Performance Features)
 - 2.6 Regulatory Compliance Evaluation
3. Safeguarding Strategies and Technologies
 - 3.1 Physical Barrier Guards: Fixed and Moveable
 - 3.2 Motion Interrupt Interlock Devices
 - 3.3 Access Restrictors (pull backs, travel restraints, pressure sustained controls)
 - 3.4 Barrier Breach Detectors (electrosensitive devices, photoelectric devices)
4. Detailed Design
 - 4.1 Design Process
 - 4.2 Design Criteria and Considerations for Physical Barrier Guards
 - 4.2.1 General Design and Construction
 - 4.2.2 Determination of Safety Distances, Dimensions, Apertures
 - 4.3 Access Restricting Safeguards
 - 4.3.1 Design and Set-up of Two-Handed Controls
 - 4.3.2 Set-up and Calibration of Pull-Back and Travel Restraint Devices
 - 4.4 Barrier Breach Detectors
 - 4.4.1 Factors in Calculation of Safety Distances
 - 4.5 Braking / Stopping Devices
 - 4.5.1 Design, Location and Set-up
 - 4.5.2 Braking Time and Safe Distances
 - 4.6 Interlocks
 - 4.6.1 Alternative Configurations: Pros and Cons
 - 4.6.2 General Design and Set-up Principles
5. Applications and Exercises

**TO REGISTER: CALL 1-888-REA4EHS
INTERNET: WWW.REA.CA**



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Registration

To enroll by phone call toll free 1-888-REA-4-EHS

PLEASE PRINT OR TYPE:

Name (Mr./Ms.)		Title	
Option #1 - Course / Program No / Date		Option #2 - Course / Program No / Date	
Name (Mr./Ms.)		Title	
Option #1 - Course / Program No / Date		Option #2 - Course / Program No / Date	
Name (Mr./Ms.)		Title	
Option #1 - Course / Program No / Date		Option #2 - Course / Program No / Date	
<i>Please list additional registrations on a separate sheet and attach</i>			
Organization			
Contact Person		Email	
Mailing Address		City	Province
Postal Code	Telephone	Facsimile	
PAYMENT INFORMATION (Please pay before the course) Enrolment fees payable in Canadian funds. Goods & Services Tax registration number 140300468.			
<input type="checkbox"/> Charge to VISA: Card number _____ Expiration date _____ Signature _____	<input type="checkbox"/> Purchase order attached: # _____		
<input type="checkbox"/> Cheque enclosed payable to: <i>Resource Environmental Associates</i> <i>111 Gordon Baker Road, Suite 700</i> <i>Toronto, Ontario M2H 3R1</i> Cheque # _____ Amount \$ _____	<input type="checkbox"/> Invoice my employer - Attention: _____ Signature _____		

This section to be completed only for registrants in the JHSC Certified Member Course - information required by Ontario Workplace and Safety and Insurance Board for certification purposes.

WSIB FIRM NUMBER	WSIB RATE NUMBER
CONTACT PERSON OTHER THAN CERTIFIED MEMBER	
For each JHSC within your firm / organization, please complete the following information (attach additional pages if necessary).	
001 JHSC NAME	RATE NUMBER(S) COVERED BY JHSC
002 JHSC NAME	RATE NUMBER(S) COVERED BY JHSC

Important Information

Training Venue. Toronto courses are held at our Toronto office. All other courses are held in leading hotels and conference venues. We select venues offering convenient locations, great training facilities, courteous staff, and plenty of free parking (however, some facilities offer only paid parking). After enrolment, you will be advised of the training venue and location with your session confirmation notice.

Registration opens at 8:00 a.m. When you arrive at the training facility, please check the directory for the exact location of the session. Our trainers will greet you, provide you with your course materials, and orient you to the training facility. You'll want to take this opportunity to meet other course participants. Introduce yourself and make a new friend!

We begin at 8:30 a.m. and wrap up by 4:30 p.m. These are full day sessions. Lunch and refreshments are included in your registration fee. Depending upon timing, we sometimes have a working lunch.

Tape recording. Our courses are copyright Resource Environmental Associates. No unauthorized audio or video recording is permitted.

Cancellations and substitutions. Cancellations received up to 10 working days before the session are refundable, minus a \$75 registration service charge. After that, cancellations are subject to the full session fee, and you are responsible for payment. Substitutions and reschedulings may be made up to 10 working days before the course without penalty. After that, substitutions and reschedulings are subject to a \$75 registration service charge. We reserve the right to cancel or reschedule sessions with two business days notification, and in such event, our liability is limited to a full refund of the session fee.

Five Easy Ways To Register:

- ① By Phone: 1-888-REA-4-EHS or 416-495-1314
- ② By Fax: 416-495-9211
- ③ By Mail: Complete and mail enrolment form to:
Resource Environmental Associates
111 Gordon Baker Road, Suite 700
Toronto, Ontario M2H 3R1
- ④ By E-mail: consultants@rea4ehs.com
Please include:
 - Name and mailing address
 - Session you wish to attend with options (in case your selection is not available)
 - Billing information
- ⑤ By Internet:
www.rea4ehs.com/rgistr/rgistr_f.htm