

CERTIFICATION:

All students:

California State Fire Marshall

Industrial Emergency Council Certificate

C.S.T.I Certification for Hazardous Material Specialist

** Meets or exceeds training requirements of 29 CFR 1910.120 (q) (6) (iii)

CONDITIONS FOR CERTIFICATION:

You must already possess a valid Hazardous Materials Technician certificate, issued by the California State Fire Marshal, Industrial Emergency Council, Rancho Santiago prior to January 1992, or CSTI four week Technician classes. Please mail proof of completion of Hazardous Materials Technician or 1A, 1B, 1C, 1D CSTI certificates upon registration.

PROGRAM COSTS:

Make checks payable to:

The Industrial Emergency Council

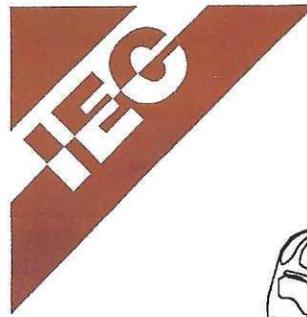
and send to:

I.E.C.

P.O. Box 686

San Carlos, CA 94070

Instructional fees* = \$350 per week.



PROVIDED BY THE

Industrial Emergency Council

a CAER organization

HOSTED BY

*Jet Propulsion Laboratory
Calif. Institute of Technology
Pasadena, California*

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REGISTRATION FORM

*Industrial Emergency Council
a CAER Organization*

Hazardous Material Specialist

JPL

Registration Fee: \$350 per week (by Sept. 1, 1993)
Fee includes instruction, lab fees, & student manual.

To Register: Please complete this form and return it
with fee by Sept. 1, 1993.

Organization: _____

Address: _____

Telephone: _____

Total Remitted: \$ _____ for _____ individuals

Names of attendees:

Please make check payable to:
Industrial Emergency Council

Forward registration form and payment to:
Industrial Emergency Council
P.O. Box 686
San Carlos, CA 94070

Class size limited to 40 students.
\$65.00 cancellation fee will be retained after Sept. 1, 1993.
For further information please call (415) 508-9008.

ABOUT THE IEC:

The Hazardous Material Training Program, utilizing two government training grants, was developed and first taught in 1984 by the IEC. Since that time it has been presented all over the state, to both government and industrial emergency response personnel. The program was designed to give responders the technical knowledge needed to safely contain and control unplanned hazardous material releases.

The intensive 280 hour program is one of the first of its kind in the nation, and by design exceeds the requirements of the NFPA 471/472 standards, and 29 CFR, 1910.120.

The Hazardous Material training program is recognized by the:

California State Fire Marshal
Nevada State Fire Marshal
Director of Public Health
Calif. Dept. of Industrial Relations
Calif. Office of Emergency Services
United States Department of Labor
Federal Emergency Management
Administration
National Fire Academy
National Safety Council

and by:

Resolution of the
California State Legislature,
May 4, 1987

The Industrial Emergency Council is a non-profit Government-Industry partnership.

INSTRUCTORS:

H. Dieter Heinz, Ph.D.

Lead chemistry instructor; professor of chemistry; instructor for the National Fire Academy; member of the Hazardous Material Development Committee at C.S.T.I. for Hazardous Material Specialist.

Harry Cusick

Retired Battalion Chief with Philadelphia Fire Department; coordinator for the city's three hazardous materials response teams; holds a Masters Degree in Public Administration.

Bob Hartin

Captain with the San Diego Fire Department Hazardous Materials Response Team; B.S. degree in chemistry from San Diego State University; Lead instructor in hazardous materials for the State Fire Academy.

Jerry Grey

Captain with the San Francisco Fire Department Hazardous Material Response Team. Co-chairs the NFPA Committee on Training Standards for Hazardous Material Responders.

Pat Walsh

Captain with the District of Columbia Fire Department's Hazardous Material Response Team; Active instructor at the National Fire Academy; Nationally certified hazardous materials chemistry instructor.

Mike Handman, M.S., R.E.H.S.

Currently employed by San Diego County Dept. of Environmental Health; responsible for his agency in emergency response; instructor at University of Calif.; member of CSTI Curriculum Committee.

Charlie Anderson

Battalion Chief with Santa Clara County Central Fire Protection Dist.; state certified Hazardous Materials Tech.; instructor for State of Calif. Fire Marshal's Office and CSTI; member of CSTI Specialist Development Committee.

Phil McArdle

Member of the New York City Fire Department's Hazardous Materials Response Team located in Queens; lead instructor at the National Fire Academy and the New York F.D.; graduate of New York City Technical College.

Kent Olson, M.D.

Medical Director for the San Francisco Regional Poison Control Center; Hazardous Material Technician/Specialist; specialist in toxicology; received his B.A. from Boston College and M.D. from U.C. San Francisco.

Darrel Begnaud

15 years as lead hazardous materials instructor for Louisiana State University, the National Fire Academy, Texas A&M, Lamar University, and F.A.A. crash-rescue; CSTI certified instructor.

Joe McAtee

Training Officer for Lockheed Fire Dept. in Sunnyvale, Calif; member of the CSTI Specialist Curriculum Development Committee; state certified instructor; hazardous materials specialized.

John Maleta

Captain with the Los Angeles County Hazmat Team; CSTI & State Fire Marshal certified Specialist Instructor; member of the Hazmat Specialist Curriculum Committee.

Jim Giannestras

Hazardous Material Specialist with the San Diego Fire Dept. Hazmat Team; certified instructor for the Hazmat Specialist Course for CSTI & the State Fire Marshal; B.S. degree in Biology.

Richard Leap

Captain with the San Diego Fire Dept. Hazmat Team; attending San Diego State University to obtain a B.A. degree in Public Administration; certified CSTI instructor in the Hazardous Material Specialist Course.

CLASS CURRICULUM:

LOCATION:

Jet Propulsion Laboratory (JPL)
4800 Oak Grove Drive
Pasadena, CA 91109-8099

**MODULE 1F:
TOOLS AND EQUIPMENT
(FIELD)
(Cost: \$350)**

Chlorine A,B, & C repair kit
Damming and diking techniques
Decontamination systems
Specialized tools & equipment
Container sampling techniques
Use of plugging & patching equipment
Direct reading field monitoring instruments

TRAINING SCHEDULE:

Sept. 13-18, 1993	MODULE 1F
Oct.25-29, 1993	MODULE 1G

**MODULE 1G:
TACTICAL FIELD APPLICATIONS
(FIELD)
(Cost: \$350)**

Containment and mitigation
Field identification of unknown chemicals
Decontamination systems
Post-incident critiques
Implementation of site safety plans
Rescue/extrication/decon of the injured

CONTACTS:

Gary Edmonds, Captain
JPL Fire Department
(818) 354-3311

Jim O'Donnell
Industrial Emergency Council
P.O. Box 686
San Carlos, CA 94070
(415) 508-9008