Acetylene Safety Seminar

Chateau Sonesta Hotel
New Orleans, Louisiana
September 28-29, 2005

Photographs courtesy of Linde Gas, LLC, Hammond, Indiana.
Acetylene Plant Environmental Regulatory Review and Good Operating Practices
James J. Arvin, Safety and Environmental Director, Linde Gas LLC
This presentation will review environmental regulations that may affect acetylene plants, an acetylene plant's waste flow, and good environmental operating practices for acetylene plants.

Acetylene Valves
Stephen L. Sokol, Design and Regulatory Engineer, Sherwood (USA)
This presentation will review the most common types of acetylene valves used in the industry. It will also cover the CGA approved outlet and inlet assignments used, and their limitations.

Operation and Maintenance of Acetylene Compressors
Bruce Holman, Director of Technical Services, Rexarc International Inc.
This presentation will focus on the procedures for operation, maintenance, and diagnosing problems of acetylene compressors.

Marine Style Cylinders and C-13.1
Richard L. Mansmann, Marketing Manager, Drew Marine Div., Ashland Chemical Co.

Acetylene Cylinders – Porous Mass, Shell Design, and Performance and Qualification Testing
Michael C. Camp, General Manager, Cylinders, Taylor-Wharton High Pressure & Acetylene (USA)
Acetylene cylinders are unique in their design and construction. The interior of every acetylene cylinder is filled with a lightweight porous mass and inert solvent that is necessary to safely absorb and transport acetylene gas. This presentation will address the basic designs for acetylene cylinders, provide a general overview of manufacturing processes used in constructions, and cover the required performance testing for regulatory approval.

Acetylene Cylinder Inspection and Requalification
Gary Daignault, Manager of Cylinder Operations, Linde Gas LLC
This presentation will include a summary of changes made to C-13, Guidelines for Periodic Visual Inspection and Requalification of Acetylene Cylinders, since 2001, with some background information pertaining to the criteria that supported these changes.

Cylinder Fill Plant Operations
Dustin Yantis, Vice President Operations, Western International Gas and Cylinders

Acetone Overview
Dave Druckenbroad, Staff Safety Engineer, Drew Marine Div., Ashland Chemical Co.

CGA Acetylene Safety Seminar
September 28-29, 2005
Chateau Sonesta Hotel
New Orleans, Louisiana
Layers of Protection Analysis (LOPA)
Speaker to be determined.

Acetylene Trailer Design, Use, and Management
Brian Schumann, Vice President of Engineering, Western International Gas and Cylinders
One of the most frequent criticisms of acetylene is that it cannot be used on a cost effective basis in bulk applications. This presentation will discuss basic theory, design, and benefits of using acetylene in bulk trailer applications.

Market Outlets for Lime Slurry Production
Howard Wolfe, Manager Gas Efficiency, Airgas Gas Operations
This presentation will cover methods of decanting or concentrating the slurry utilization of passive and mechanical separation including investigation of centrifugal, vacuum filtration, and membrane separation, as well as passive decant systems with and without the use of additives to aid in the settlement of the product. Outlets will cover neutralization, clarification, stabilization, and agricultural.

There will also be a brief presentation covering market outlets for lime slurry production across the country and the success of Airgas’ acetylene plants to move lime slurry as a product as opposed to a waste.

Carbide Lime: Properties, Health, and Safety
George Houghton, Senior Engineer, Carbide Industries LLC
This presentation will provide an overview of carbide lime, the solid residue produced by the reaction of calcium carbide and water. The presentation will include technical data to assist attendees in the handling, distribution, and marketing of this valuable co-product.

Changes to CGA G-1.2
Razzack Syed, Senior Engineering Support Manager, Praxair Canada, Inc.
This presentation will discuss the upcoming revisions to CGA G 1.2 Acetylene Metering and Pipeline Transmission.

This presentation will provide engineering and technical information related to acetylene high pressure piping specifications, recommended piping materials, in-line flash arrestor specifications, and design criteria and physical characteristics critical in designing piping systems.

Spill Prevention
Nicholas A. DiFranco, Associate Director, Environmental Affairs, Praxair, Inc.
This presentation will highlight the significant changes to the Federal Spill Prevention Control Countermeasures (SPCC) plan regulations as they apply to acetylene plant operations, and will include best practices for preventing spills of non-oil chemicals and materials.

Plant Incidents
Speaker(s) to be determined

Transportation Incidents
Speaker(s) to be determined

Program as of May 31, 2005. Program is subject to change.
Registration Information and Policies
Registration for this seminar is open to CGA and GAWDA members only.
Speakers should NOT use this form or register on-line. Speakers should contact Kelly Keefe, 703-788-2745 or kkeefe@cganet.com, if they have not received their speaker registration packet.

Registration Policy
Only individuals who are registered and have received a badge may attend the seminar. Payment must accompany registration. Registrations will not be processed without payment.

Substitution Policy
If you register for the seminar, but are unable to attend, you may transfer your full registration to another employee of your organization, provided you notify CGA in writing. Substitutes are only allowed for the full seminar and are not allowed on a daily basis.

Cancellation Policy
If you must cancel your registration for any reason, please notify CGA in writing by September 19, 2005, to receive a refund, less a $50 administrative fee. No refunds will be made for cancellations received after this date.

How to Register
CGA members – click here for on-line registration, or print the registration form and mail or fax to CGA with payment.
GAWDA members, who are not CGA members, must print the registration form and mail or fax to CGA with payment.
Please type or print the following information:
NAME (FIRST) (LAST)
TITLE
COMPANY
Check here if you are a GAWDA member ☐.
ADDRESS
CITY STATE/PROVINCE
COUNTRY ZIP/POSTAL CODE
TELEPHONE
E-MAIL
If you have special requirements, either physical or dietary, please indicate below:
_____________________________________________________________
If necessary, attach a written description. Every effort will be made to honor special requests.
In case of emergency, contact:
NAME
RELATIONSHIP
TELEPHONE

Registration Fee
CGA GAWDA
Early—received by August 31, 2005 $575 $625
Regular—(received after Aug. 31 and on-site) $645 $695

Ground Transportation
Airport Shuttle, Inc. is the official ground transportation company for the Louis Armstrong New Orleans International Airport (MSY).
Service is 24 hours per day or until the last flight arrives into the airport. The shuttle runs every 15 minutes to all downtown and French Quarter hotels. Drivers are uniformed, courteous, well-trained, and professional.
Receive $2.00 off the roundtrip cost by purchasing on-line through the link below or go to www.airportshuttleneworleans.com and type ASIC2 in the group code box. Regular price is $13.00 one way and $25.00 roundtrip.
Tickets at the regular price can also be purchased in baggage claim. Airport Shuttle desks are located across from every major baggage claim.

CGA Acetylene Safety Seminar
September 28-29, 2005
Chateau Sonesta Hotel
New Orleans, Louisiana

Payment Information
Charge to (circle card type): VISA MasterCard AMEX
CARD #
EXPIRATION DATE (MM/YY)
SIGNATURE OF CARD HOLDER
PRINTED NAME OF CARD HOLDER

If paying by credit card, fax completed form to CGA. Do not mail.
If paying by check, mail completed registration form with payment to CGA. Check must be made payable to Compressed Gas Association in U.S. dollars and drawn on a U.S. bank.
For additional information contact CGA at 703-788-2799.