

Dinner Meeting



**Edmonton
Chapter**

The Materials
Information Society

Failures of Polymer and Reinforced Polymer Industrial Piping Components

Ana Benz, P. Eng.

Principal Engineer
IRISNDT

Venue

Faculty Club
University of Alberta
11435 Saskatchewan Drive

Date

Thursday, February 27, 2014

Schedule

Registration 6:00 PM
Dinner 6:30 PM
Program 7:30 PM

Abstract

Fiberglass reinforced composites, plastic lined steel and polyethylene piping are essential components in today's industrial sites. These materials can have excellent resistance to acids, particularly when compared to metals, which are their counterparts and partners at plant sites. They can be damaged during installation and service, although their degradation mechanisms are different than those of metals. Some of the types of damage and failures of these materials will be presented.

Biography



Ana Benz has 31 years of experience as a Corrosion, Failure and Inspection Specialist. She has worked for IRISNDT for 16 years; she performs inspections and organizes plant inspection projects using mainstream and advanced inspection technologies. She graduated as a Materials Engineer in the University Simon Bolivar in Venezuela and then obtained a Master's degree in Materials Engineering at the University of British Columbia. She has several CGSB NDT certificates and CWB Level 3 and API 510 certifications. She was a member of the NACE Edmonton Executive for 15 years and before that participated in various capacities for the Edmonton Chapter of the Canadian Welding Institute.

\$25 for members of the affiliated societies (ASM, AWS, NACE, CWS, SME and CSME)

\$35 for non-members

\$10 for students

RSVP to asm.edmonton@gmail.com by February 25th, 2014