

**American Institute of Chemical Engineers**  
Dallas Section

Regular Meeting Minutes  
Prepared by José Ramiro Rodríguez  
Prepared on October 20, 2010

Meeting Info:

Date: September 28, 2010

Time: 6:00 to 9:00 PM

Place: Two Guys from Italy Restaurant  
11637 Webb Chapel Rd.  
Dallas, TX 75229

Attendees:

<u>Name:</u>	<u>Position:</u>	<u>Phone:</u>	<u>e-mail:</u>
Nancy D. Garnett, PE	Chair	972-647-3414	<a href="mailto:ngarnett@txi.com">ngarnett@txi.com</a>
J. Ramiro Rodríguez, PE	Vice Chair	940-725-0493	<a href="mailto:jrodriguezperazz@aol.com">jrodriguezperazz@aol.com</a>
Bobby L. Short, PE	Director	972-820-7450	<a href="mailto:blshort@verizon.net">blshort@verizon.net</a>
Derek White-Stevens	Director	972-235-1958 x208	<a href="mailto:dwhite-stevens@appliedconsultants.com">dwhite-stevens@appliedconsultants.com</a>
Natassia Corzo	Member		<a href="mailto:natcorzo@gmail.com">natcorzo@gmail.com</a>
Fred Eisen	Member		<a href="mailto:Thefeisens@earthlink.com">Thefeisens@earthlink.com</a>
Karl Gutzke	Member		<a href="mailto:gutzke@sbcglobal.net">gutzke@sbcglobal.net</a>
David Harris	Member		<a href="mailto:david.harris.che@gmail.com">david.harris.che@gmail.com</a>
Ken Konvika	Member		
Andy Moore	Member		<a href="mailto:Andy.Moore@tritextek.com">Andy.Moore@tritextek.com</a>
Laura Jordan Navarro	Member		<a href="mailto:lcjnavarro@gmail.com">lcjnavarro@gmail.com</a>
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John Spessard	Member		<a href="mailto:johnspessard@yahoo.com">johnspessard@yahoo.com</a>
Tim Welton	Member		<a href="mailto:twelton@gmail.com">twelton@gmail.com</a>
Evelyn Gutzke	Guest		
Margaret Short	Guest		

Excused:

Donald W. Abrahamson	Treasurer	972-443-4942	<a href="mailto:donald.abrahamson@celanese.com">donald.abrahamson@celanese.com</a>
James D. Meier, P.E.	Secretary	972-969-3930	<a href="mailto:james.meier@pxd.com">james.meier@pxd.com</a>
Marshall W. (Neal) Abernathy	Director		<a href="mailto:NealAber@aol.com">NealAber@aol.com</a>
Keith Miller, PE	Director	214-206-2711	<a href="mailto:keithmiller@atmosenergy.com">keithmiller@atmosenergy.com</a>

Officers and Directors Meeting

The Chair called the meeting briefly to order at 6:05 PM, to record that there was no quorum. Then she proceeded to inform the officer/directors about some administrative matters. In addition, Fred Eisen has agreed to continue as the Career Contact. The Vice Chair mentioned that the speaker for our next meeting would be Mr. David Hill, who will be talking about how to make presentations. He also mentioned that Mr. Hill has requested that he be paid a small honorarium instead of having his dinner cost covered. He needs the payment to help maintain his public speaker credentials. The November meeting (which will be held on November 16, 2010) topic will be Engineering Ethics, and will be offered by the Vice Chair. For December, we discussed having a holiday meeting at Papadeaux where we previously had met.

The Chair mentioned the possibility of a Career Fair and several possible topics for presentations were mentioned.

Section Meeting

Chair Garnett introduced the meeting. She asked the members present to suggest topics to which they would be interested in having them covered in our meetings.

The Vice Chair went on to introduce our speaker, Mr. Kirk Novak, of Enerquip, LLC, and gave a brief summary of his biography.

Biography:

Biography: Kirk Novak is President and CEO of Enerquip, LLC of Medford, Wisconsin, since he led its 2008 acquisition by a private investor. His more than 30 years of industry experience has been spent predominantly within the downstream petroleum refining industry throughout the Americas, Asia, Europe, the Middle East and the former Soviet Union. His industry experience focused on the catalysis, chemicals, consulting, construction (EPC), and process licensing industries serving the downstream refining industry.

Prior to joining Enerquip, Kirk worked for a diverse range of organizations, including Shell Oil, Unocal, Engelhard, Chicago Bridge & Iron (CB&I), KBC, Nalco Chemical and three startup companies. He has held numerous top management positions within those organizations both in the U.S. and in Europe. Kirk holds Bachelor of Arts degrees in Chemistry and Business Administration, and an MBA in Marketing, all from Whittier College in Whittier, California. He was awarded a US Patent in heterogeneous catalysis in 1981 and resides in The Woodlands, Texas with his wife and two teenage sons.

About Enerquip, LLC

Enerquip manufactures shell and tube heat exchangers for a variety of process applications in the Beverage, Chemicals, Dairy, Food, industrial, Petroleum Refining, Pharmaceutical, Pulp & Paper, and Utility industries from its manufacturing plant in Medford, Wisconsin. Enerquip will be the premier manufacturer of high alloy and stainless steel heat exchangers and unique pressure vessels by applying efficiency, technology, and teamwork for the benefit of our customers who depend on our consistently high quality products to meet their defined schedule.

Presentation

TOPIC: Shell and Tube Heat Exchangers For: Refineries, Other Industries; Reducing Greenhouse Gas Emissions - 1 hour CEUs

Speaker: Mr. Kirk Novak

Summary of presentation:

After a thorough review of types of heat exchangers and their uses, Mr. Novak covered design parameters and uses of heat exchangers in the Oil and Gas industry. He gave examples of useful application in different processes, and the normal types of exchangers used in them. He showed illustrations of the use of exchangers, and discussed rationales for their selection. He finished the presentation describing a case study in which his company was involved in the designs of a heat exchanger system that not only recovered energy from a food plant, but significantly reduced the emission of greenhouse gases.

At the end there was a questions and answers period where, upon questions by attendees, he gave some data on potential costs and on lead times associated with his business. Lead times and costs seemed favorable within industry state of the art operations.