SOCIETY OF PIPING ENGINEERS AND DESIGNERS

SPECIAL POINTS OF INTEREST:

- **2009 COADE User Conference September 28-30, Woodlands Waterway Marriott Hotel, Houston, TX**
- **SPED PPD Level I and Level III Review and Exam, COADE User Conference, September 27, Woodlands Waterway Marriott Hotel Houston, TX**
- **SPED 2009 Annual General Business Meeting and Corporate Member Showcase, November 17th, Omni Westside, Houston, TX**

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SPED Update September 2009

VOLUME 2, ISSUE 9 SEPTEMBER 2009

How to Show PPD Certification

Now that there are hundreds of Professional Piping Designer (PPD) Certified Pipers throughout the world, I wanted to talk briefly on how to show it on resumes.

Where to show it

PPD certification should be shown in the Licenses and Certification section of your resume or job application. As you know, PPD Certification is not a "degree", rather it is a renewable certificate. As a renewable certificate, before you show yourself as PPD Certified, make sure your certification is in good standing at SPED. SPED publishes and distributes a list of all PPD Certified Pipers each month and distributes this to all SPED Corporate Members. They frequently check which of their piping designers are in good standing and in particular, check the standing of applicants who claim certification on resumes.

What to show: Level and, optionally, date

It is important to show the level of PPD Certification as well. For example, if you were approved in 2004, then your certification might read:

SPED Professional Piping Designer Level IV

or if you wish to show the date:

SPED Professional Piping Designer Level IV, since 2004

Should you show a course with it?

Many people gain their certification partly through a test at the end of a preparatory course. For example, SPED trained and certified over 150 pipers from 2007-2008. This actually created two credentials, one for completing the course and one certification. They are shown in different places; Training/Education and Licenses/Certifications. For example:

Training/Education

SPED/HCCS Accelerated Piper Program, May, 2008

Licenses/Certifications

SPED Professional Piping Designer Level I

In addition, pipers who took that program can show the CAD system trained on (AutoPipe, PDS, PDMS, etc.) as a "Special Skills" item in yet another location.

How to ask for PPD Certification on Job Requests

Employers who are seeking trained pipers are frequently looking for discriminators to decide who to hire. Although employers in Houston, Kuala Lumpur, Calgary, Boise and other locations are very aware of what PPD Certification represents, few will make it or any other accomplishment the sole qualifier for a piping job. In Texas or any other state, for example, you can be a registered engineer but still incompetent on the job. Many piping managers still insist on the right to consider the total content of a resume.

SPED recommends language such as:

SPED Professional Piping Designer Level III Certification preferred, or

SPED Professional Piping Designer Level I Certification or higher required.

if such flexibility is needed.

Demand for PPD Certification is expected to increase independent of the economy as AEC firms seek to raise the credentials of their workforce to better compete for work.

Bill Beazley, SPED Executive Director

Houston Employment Data Shows Technician Trend

Comparison of data published in the December, 2003 SPED Update and May 2008 show a clear increase in employment and pay for Mechanical Engineering Technicians (SOC 173027). (See comparison below)

Area: Houston-Sugar Land-Baytown, TX				
	Period: 2002		**Period: May 2008**	
Occupation (SOC code)	**Employment(1)**	**Hourly mean wage**	**Employment(1)**	**Hourly mean wage**
Chemical Engineers (17-2041)	2100	40.56	2780	50.98
Mechanical Engineers (17-2141)	7810	36.46	7510	45.55
Mechanical Drafters (17-3013)	2890	24.72	2900	26.01
Mechanical Engineering Technicians(17-3027)	1140	19.92	2680	25.53

Footnotes: (1) Estimates for detailed occupations do not sum to the totals because the totals include occupations not shown separately. Estimates do not include self-employed workers.

SOC code: Standard Occupational Classification code -- see http://www.bls.gov/soc/home.htm Data extracted on September 12 2009

Source: US BOL **Occupational Employment Statistics (OES)** http://www.bls.gov/oes/

Industry is favoring technicians (read designers) over "drafters".

In contrast, mean hourly wages for ME draftsman, already high in 2002, have not risen in the same proportion as ME technicians.

Compare the two SOC codes:

17-3013 Mechanical Drafters - Prepare detailed working diagrams of machinery and mechanical devices, including dimensions, fastening methods, and other engineering information.

17-3027 Mechanical Engineering Technicians - Apply theory and principles of mechanical engineering to modify, develop, and test machinery and equipment under direction of engineering staff or physical scientists.

This suggests that industry is favoring technicians (read designers) over "drafters".

Canadians! Looking for the PPD Level I or PPD III Exam?

Interested in taking our PPD Level I or Level III Review online and sitting for the exam? We are working on putting a group together to test at one of our Corporate Member's facilities. If you are interested, please contact Andrea Macejak at spedexec@spedweb.com for information.

Take the Pledge!

100% CLUB

SPED Professional Piping Designer

Join the SPED PPD 100% Club

SPED PPD 100% Club members pledge that 100% of their Piping Designers will become certified as Professional Piping Designers (PPD). Documenting staff credentials are simple:

- 100% of current Piping Designers get PPD Certified within one year of joining the program.
- New hires become PPD Certified within one year of employment.

Once you sign up and become a member of the PPD 100% Club, you can display the Club logo.

The PPD 100% Club Benefits EPC Employers, Clients and Piping Designers!

For more information, go to www.spedweb.com, or call Andrea Macejak at 832-286-3404.

The PPD 100% is exclusively for SPED Corporate Members. SPED supports PPD 100% Club Members by providing the following:

- A copy of the PPD Review Video to help Piping Designers prepare for PPD exams.
- On-Call testing at the SPED office. (Fees apply.)
- Onsite testing review with 20 or more participants. (Fees apply.)
- Assistance to members in applying for State Funds to defray training and testing costs.

SOCIETY OF PIPING ENGINEERS AND DESIGNERS

SPED

AVEVA Unveils Instrumentation Product at ISA Expo to Enhance AVEVA Plant

AVEVA Instrumentation for plant solutions...The data is fully controlled, and can be used across all phases of engineering and design supporting fast, error-free design of a plant.

HOUSTON (July 15, 2009): AVEVA Group plc (LSE:AVV), an engineering IT software provider, will launch a new and upgraded AVEVA product solution, AVEVA Instrumentation, at the ISA Expo 2009, October 6-8 in Houston.

An important addition to the AVEVA Plant portfolio, AVEVA Instrumentation is a feature-rich suite of integrated applications for the efficient specification, design and maintenance of all plant instrumentation and control systems. AVEVA Instrumentation is suited to the needs both of plant Engineering, Procurement and Construction (EPC) contractors and of Owner Operators (OOs), providing a complete lifecycle solution. It can be used as an effective stand-alone product, or integrated with other AVEVA applications.

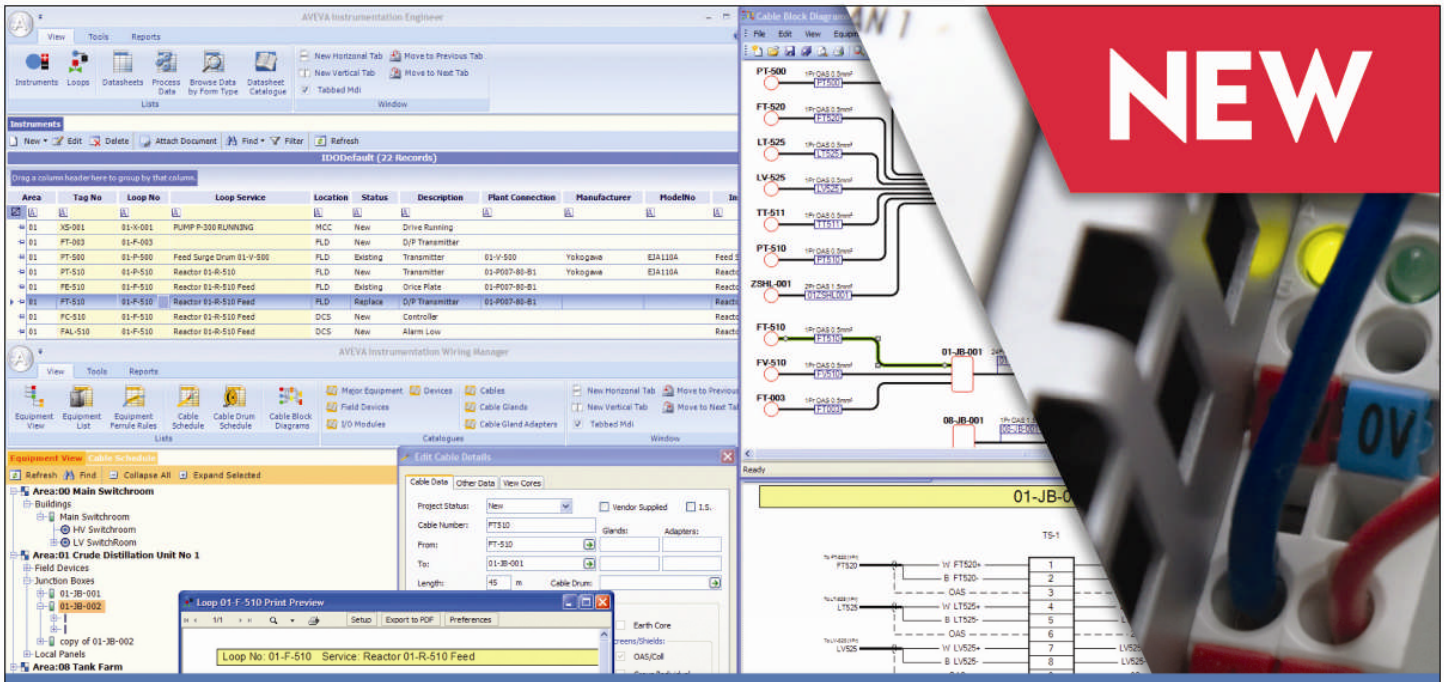
"Instrumentation is an important addition to our product range and with this new technology we will be able to leapfrog existing competitor products to offer customers the very latest technology which is also integrated with the powerful AVEVA database," commented Richard Longdon, CEO, AVEVA.

AVEVA's unique Integrated Engineering and Design approach incorporates all plant engineering and AVEVA PDMS 3D design data within a single AVEVA model database. This approach will be further strengthened with the launch of this new product - AVEVA Instrumentation for plant solutions. No additional foundation software is needed. The data is fully controlled, and can be used across all phases of engineering and design supporting fast, error-free design of a plant.

To support the product launch, AVEVA has invested in exhibiting at the ISA Expo and serving as a premier sponsor of the ARC Pavilion at the conference. The pavilion will host an Asset Lifecycle Management (ALM) Knowledge Exchange and Technology Showcase that will include a series of educational workshops and presentations by ARC analysts, end users and leading technology suppliers.

"We're honored to have AVEVA as a Premier Sponsor of the ARC ALM Knowledge Exchange at the ISA Expo and to have them launch their new instrumentation tool at our Pavilion Workshop," said Russ Novak, Research Director Enterprise**,** ARC Advisory Group. "AVEVA is a leading technology supplier in asset lifecycle management, and we believe attendees will greatly benefit from AVEVA's educational demo provided at the Pavilion during the show."

Visit AVEVA at booth number 2649 at the ISA Expo to see the Integrated Engineering and Design approach of AVEVA Plant including, its new product AVEVA Instrumentation. For more information, visit www.aveva.com.



FINALLY – a real choice for Instrumentation...

Now you can more easily design and maintain your instrumentation data with

AVEVA Instrumentation

Are you in control of your instrumentation data?

Most 'smart' instrumentation systems cannot dynamically handle the continual changes to instrumentation in process facilities.

That's why you need a solution that enables validation of data — without costly third-party services — and is productive, easy to use and dependable at every stage of the project lifecycle.

Comprehensive...

- A complete integrated suite of modules handle every aspect of instrumentation and wiring specification, design and installation.

Productive...

- Unique drag and drop interface for the fastest and most intuitive block wiring design.

Powerful...

- Consistent information supports all tasks.
- Automatic validation eliminates sources of errors.
- Security features ensure reliable data.

Adaptable...

- Easily configurable to your business, your workflow, your standards.

One demonstration will convince you!

For more information about AVEVA Instrumentation and events at which you can see it for yourself, visit **www.aveva.com** or contact: **sales.us@aveva.com**

AVEVA
CONTINUAL PROGRESSION

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Houston, Texas 77042

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www.aveva.com

Industry News Snapshots

Contractors Listed:

Acergy

Aker Solutions

AMEC

Chevron

Exxon Mobil

Fluor

Foster Wheeler

KBR

Mott MacDonald

Mustang

Royal Dutch Shell

Subsea

Technip

Wood Group

Source Contractors Unlimited: http://www.contractorsunlimited.co.uk/news-int1.shtml

Aker Solutions Signs Contract with BP America
September 23, 2009 Aker Solutions signs contract with BP America Inc. to perform subsea construction activities at the operator's Atlantis and Thunder Horse fields in the Gulf of Mexico. Scope of work comprises planning and executing the installation of subsea hardware including manifolds, PLEMs (pipeline-end manifolds), jumpers, flying leads and related equipment.

Technip Awarded Contract for Oselvar Field Development in Norway
September 23, 2009 Technip awarded by DONG E&P Norge AS an engineering, procurement, construction and installation lump sum contract, worth in excess of Euro 45 million, for the Oselvar field development. It will be executed by the Group's operating center in Oslo, Norway.

Wood Group to Provide Offshore Services and Follow-on Engineering to StatoilHydro's Peregrino Project
September 22, 2009 Wood Group Engineering & Production Facilities Brasil ("Wood Group Brasil") selected by StatoilHydro to provide operations, maintenance and modification services for the two Peregrino wellhead platforms. Project will be managed by Wood Group Brasil's existing management team, and more than 50 local workers will be hired for operations, maintenance, engineering and other positions.

Acergy S.A. Awarded $110 million Contract Offshore Angola
September 22, 2009 Acergy S.A. awarded Block 17/18 GEP Phase 2 Project contract valued at approximately $110 million from Total E&P Angola and BP Angola (Block 18) B.V. for installation of over 70km of 24" pipeline from Block 2, together with the associated jumper, PLET and tie-ins, to the Nearshore / Onshore pipeline.

Aker Solutions Awarded Contract for Sulphur Burning Acid Plant in Mexico
September 21, 2009 Aker Solutions signs contract with Stingray Copper Inc. for new 750 million tons per day sulphur burning acid plant for the El Pilar Copper Project in Mexico. Aker Solutions will provide full basic engineering and project development support for the new acid plant, sulphur receiving, and associated power generation complex.

KBR Awarded Clean Coal Contract by Beijing Guoneng Yinghui Clean Energy Engineering
September 18, 2009 KBR awarded contract by Beijing Guoneng Yinghui Clean Energy Engineering Co., Ltd. (Beijing Guoneng) to provide licensing, engineering services and proprietary equipment for implementation of KBR's and Southern Company's Transport Integrated Gasification technology (TRIG(TM)) at a Dongguan IGCC Power Plant in Guandong Province, People's Republic of China.

KBR Awarded Contract by Hindustan Petroleum Corporation at Mumbai Refinery
September 17, 2009 KBR awarded contract by Hindustan Petroleum Corporation, to provide license and engineering services and proprietary equipment for augmenting capacity of existing de-asphalting unit in its Mumbai Refinery in India. KBR will perform a revamp on an existing propane de-asphalting unit (PDA) using its proprietary ROSE® technology and state-of-the-art ROSEMAX(TM) internals to achieve the key objective of improving refinery margins.

Mustang Announces New Global Automation Agreement with Chevron
September 17, 2009 Mustang selected as main automation contractor for Chevron's Global Upstream business units in an agreement signed recently between Chevron U.S.A. Inc. and Mustang. Mustang will provide front-end engineering design, detailed engineering, procurement, programming and integration for monitoring, process control, safety and management systems at Chevron's new and existing upstream offshore and onshore oil and gas facilities.

Society of Piping Engineers and Designers

Annual General Business Meeting

and

CORPORATE MEMBER SHOWCASE

Tuesday, November 17, 2009, 6 P.M. - 9 P.M.
at the Omni Houston Hotel at Westside
13210 Katy Freeway, Houston, Texas

Bringing Pipers and Industry Together

The **SPED 2009 Annual General Business Meeting** will feature a panel of Industry Experts in Software, Placement, EPC, and Fabrication. The speakers are:

Durga Agrawal, *President of Piping Technologies and Products, Inc.*
Debby Jones, *President of Southwest Design Services, Inc.*
Homer Reyes, *Senior Principal and Piping Design Supervisor, Foster Wheeler*
AVEVA, TBA

Turnout for this event is expected to be high. Tickets for this event will be available beginning September 15th.

This year's Corporate Member Showcase is packed with networking opportunities with key members of the Piping Industry. SPED's membership is known for the high participation of Pipers, Piping Managers, and Corporate Executives.

For more information call SPED at 832-286-3404
or email spedsrvs@spedweb.com.

SOCIETY OF PIPING ENGINEERS AND DESIGNERS
SPED

Industry News Snapshots Continued

Contractors Listed:

Acergy

Aker Solutions

AMEC

Chevron

Exxon Mobil

Fluor

Foster Wheeler

KBR

Mott MacDonald

Mustang

Royal Dutch Shell

Subsea

Technip

Wood Group

Source Contractors Unlimited: http://www.contractorsunlimited.co.uk/news-int1.shtml

Dammam 7 Petrochemicals and Aker Solutions Sign Agreement for Acrylic Acid and Acrylates Complex

September 16, 2009 Dammam 7 Petrochemicals signs program management agreement with Aker Solutions for the Dammam 7 acrylic acid and acrylates complex to be realized in the Jubail 2 Industrial area in Saudi Arabia. Under the agreement, Aker Solutions will provide pre-front end engineering and design and program management services for the project.

Goliat Subsea Contract to Aker Solutions

September 16, 2009 Aker Solutions signs contract with Eni Norge AS to deliver a subsea production system to the operator's Goliat field development in the Barents Sea. Aker Solutions will utilize large parts of its Norwegian manufacturing network to deliver the subsea equipment to Goliat. Subsea trees will be manufactured at Aker Solutions' facility at Tranby, steel tube umbilicals in Moss, while templates and manifolds will come from the company's Egersund yard. Subsea control systems will be manufactured in Aberdeen. The project will be managed from Aker Solutions' head office at Fornebu, Norway.

ICA Fluor Wins $638 Million Clean Fuels Projects from PEMEX

September 14, 2009 CA Fluor, the industrial construction joint venture of Empresas ICA, S.A.B. de C.V. and Fluor Corporation, announced today that Mexico's state oil company PEMEX Refining awarded the company engineering, procurement and construction contracts for two low sulfur gasoline projects in Mexico.

KBR Joint Venture Awarded Gorgon Project EPCM Contract

September 14, 2009 KBR's Kellogg Joint Venture Group awarded by Chevron Australia Pty Ltd an estimated AUD ~ 2.7 Billion contract to Engineer, Procure and Construction Manage the LNG downstream and logistics portion of the multi-billion dollar Chevron-operated Gorgon LNG Project.

ExxonMobil Announces Gorgon Full Funding

September 14, 2009 Exxon Mobil announced today Gorgon liquefied natural gas project approved for development by project participants. The final investment decision for Gorgon was announced by representatives from the Gorgon joint venture (ExxonMobil 25 percent interest, Shell 25 percent interest and Chevron 50 percent interest and Operator) at a ceremony in Perth.

Royal Dutch Shell Takes Final Investment Decision on Gorgon LNG Project

September 14, 2009 Board of Royal Dutch Shell takes Final Investment Decision on Gorgon liquefied natural gas project, signalling the start of initial construction on one of the world's largest natural gas developments. Chevron will operate the project, with a 50% stake, with participants Shell and ExxonMobil each holding 25% shares.

Chevron Makes Final Investment Decision to Construct Gorgon Natural Gas Project

September 13, 2009 Chevron Corporation today announced that its subsidiary, Chevron Australia Pty Ltd, will proceed with the development of the Gorgon natural gas project offshore Western Australia. The Gorgon Project, operated by the Australian subsidiary of Chevron (50 percent) in joint venture with Australian subsidiaries of ExxonMobil (25 percent) and Shell (25 percent), is currently estimated to cost AUD 43 billion (USD 37 billion) for the first phase of development.

Strategy for Construction of up to 28 Drilling Rigs in Brazil

September 11, 2009 Petrobras Company's Executive Board approves strategy to hire up to 28 new drilling rigs to be built in Brazil, with increasing national content, and to be used for ultra-deep water exploration, including the fields located in the pre-salt layer. The rigs are due to be delivered between 2013 and 2018.

Expro Secures Major European Contract Extension with Shell
September 11, 2009 Expro signs Memorandum of Understanding covering extension of two major contracts with Shell in Europe. The contracts, which Expro values at approximately $100 million, provide wireline and well test services in the UK, Norway, Holland and Ireland.

Subsea 7 Awarded Pipelay Contract in Brazil
September 10, 2009 Subsea 7 awarded long-term contract by Petrobras (Petróleo Brasileiro S/A) for its pipelay vessel the Normand Seven. The contract, valued in excess of US $ 250 million, is for the exclusive use of the vessel for a period of four years, commencing in the third quarter of 2009.

Aker Solutions Awarded Contract for Staatsolie Refinery Expansion Project
September 9, 2009 Aker Solutions awarded project management consultant contract for Staatsolie Maatschappij Suriname N.V.'s refinery expansion project in Suriname. Aker Solutions' operations in Houston, US will manage the overall PMC contract. Support will come from its Zoetermeer office in The Netherlands, providing the validation of an extended Front End Design phase 3 package under preparation by other contractors.

Foster Wheeler to Supply Biomass-Fired Boiler Island in Poland
September 8, 2009 Foster Wheeler announced today that a subsidiary of its Global Power Group has been awarded a contract by ZE PAK S.A. for the design, supply and erection of a 55 MWe biomass-fired circulating fluidized-bed (CFB) boiler island for the Konin Power Station in Poland.

Aker Solutions Secures Chlorine Dioxide Project in China
September 3, 2009 Aker Solutions signs contract with Shandong Chenming Paper Holdings Ltd. for supply of technology, engineering, equipment and site construction support services for an integrated chlorine dioxide plant to be installed for Zhanjiang Chenming Pulp & Paper Co., Ltd., a subsidiary of Shandong Chenming Paper. Project execution and management, including engineering, procurement and construction support services, will be performed by Aker Solutions' offices in Vancouver and Beijing/Shanghai.

AMEC Selected for Esso Kizomba Satellites Contract Offshore Angola
September 3, 2009 AMEC selected by Esso Exploration Angola (Block 15) Limited (EEAL), a subsidiary of ExxonMobil Corporation, to provide detailed design, procurement and logistics support services for the Kizomba Satellites project on Block 15, offshore Angola. The project will enable the business in Angola to grow, ultimately establishing nearly 50 in-country employees dedicated to this contract. The Houston support team will peak at about 150 personnel.

Mott MacDonald Supports Maritime Pollution Prevention Project
September 1, 2009 Mott MacDonald-led consortium with Ramboll of Denmark, Oil Spill Training Company (UK), Tethys Environmental Consulting (UK) and Milieu of Belgium awarded two year contract by the European Commission's EuropeAid Cooperation Office to support the development of a common security management, maritime safety and ship pollution prevention project for the Black and Caspian Sea.

Shell Becomes First International Oil Company to Build Lubricants Blending Plant in Russia
August 31, 2009 Shell starts construction of major new lubricants blending plant - the first to be built by an international oil company in Russia. The plant, which is being built in Torzhok in the Tver region, north-west of Moscow, will have a capacity of 200 million litres a year (about 180,000 tons), making it one of the largest in the Shell network worldwide.

Mott MacDonald Appointed Lenders Engineer On Bligh Bank Offshore Wind Farm Project
August 28, 2009 Mott MacDonald marks financial close on largest offshore wind farm to be financed on a non recourse basis this month. The global management, engineering and development consultancy was appointed as lenders engineer by lenders ASN Bank, Dexia Bank Belgium, Dexia Credit Local, Rabobank, PMV, EKF and the European Investment Bank for the Euros 545 million credit facilities they arranged for the project.

Fluor Wins Contract for eSolar Reference Plant
August 25, 2009 Fluor Corporation awarded engineering services contract by eSolar, Inc., for design of 46 megawatt concentrating solar power plant. Fluor will provide design optimisation to rapidly scale eSolar's 46 megawatt power plants.

Technip Awarded Contract for Oil Recovery Trial Project in Indonesia
August 18, 2009 Technip awarded lump sum services contract by PT. Chevron Pacific Indonesia for Minas field located in Sumatra, Indonesia. Technip's operating centre in Jakarta will execute the contract.

Receive up to $2000 in Free COADE Software at the 2009 COADE User Conference

COADE is offering CUC2009 attendees a choice of the following software packages, for free, after the conference:

An unlimited seat of CADWorx P&ID

An unlimited seat of CADWorx Design Create

A fifty run seat of CAESAR II

A three month unlimited run of PV Elite

This is a benefit worth up to $2000 that COADE is willing to invest to help you reach your potential.

Why are we offering this? One of the things that attendees liked about last year's conference was that they developed new skills and learned about new solutions that, in the past, they had had little exposure.

"...Our project management and software handling has improved since attending the conference,"

But, looking at our own learning experiences, from attending many conferences in the past, we had to wonder, what is the benefit of learning new skills, and about new solutions, if they cannot be developed and adapted to current work practices? In all honesty, there is no benefit and therefore little justification in the time and money spent in attending such events.

COADE has decided to do things differently.

We are concerned with your long term development and success, and we know that without access to the tools you've learned on, there would be little chance of 'locking in' the knowledge gained.

We look forward to working with you during the conference and your ongoing journey. For more information on the 2009 COADE User Conference, visit http://www.coadeuserconference.com/2009/index.html

Please note: dealers, sponsors, staff, vendors, and instructors are exempt from this offer.

COADE's aim for this conference is to ensure that attendees leave with the tools they need to be better designers and engineers. That is why this conference has been purposely designed with a combination of labs; lectures; exhibitions; and roundtables. This ensures that attendees not only develop new software skills, but also grow from sharing their experiences with their peers. COADE believes that if we cannot demonstrate value to you and, you in turn, are not able to demonstrate value in attending to your employer you can have your money back. For details of our money back satisfaction guarantee, click here: http://www.coadeuserconference.com/2009/guarantee.html#guarantee.

www.coade.com.

The economy is down. Projects are harder won. ***NOW is the time to be better.***

See our Money-Back Guarantee!

CADWorx® | CAESAR II® | PV Elite™ | TANK™

2009 COADE User Conference

September 28–30, 2009

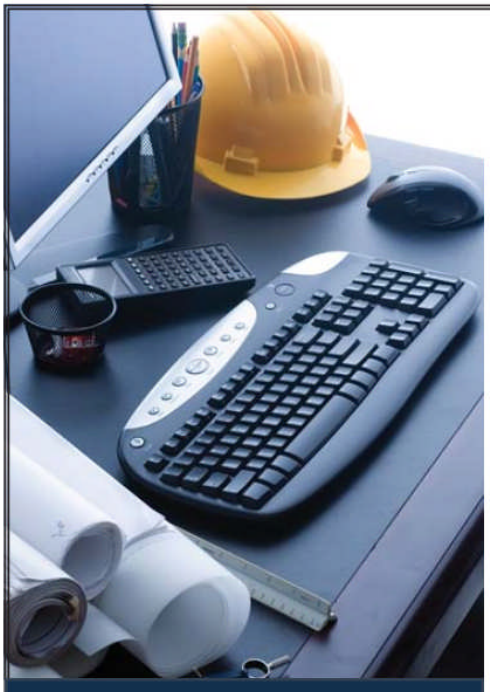
Houston, TX ★ USA | The Woodlands Waterway Marriott Hotel & Convention Center

In three full conference days you will have the chance to attend over 60 classes.

Sessions are tailored from beginner to advanced levels. So, the piping designer that wants to know more about stress analysis. They're covered. The seasoned stress engineer looking to improve the work flow between engineering and design. We have them covered too! **If you want to be a better designer, engineer or manager than you already are, this is the time. Join us!**

★ Questions? Call the CUC2009 conference hotline at (+1) 781-803-3735.

www.coadeuserconference.com



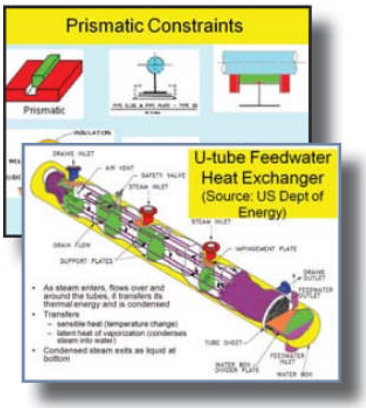
THE SPED PIPER VIDEO SERIES IS YOUR ANSWER.

"It's the Piper's resource for Information and Just-in-Time Training."

PIPER BOOTCAMP covers equipment and fittings necessary for routing pipeline from nozzle to rack to nozzle.

PROCESS PLANT LAYOUT covers knowledge and skills required for plant equipment and layout. Targets pipers already familiar with in-line pipe routing.

Version I contains original video recordings of live presentations by industry leaders.
Version II contains newly recorded videos with additional topics, and extended notes.



New project? Staffing issues?

Designed for the new Piper and as a useful resource for experienced Pipers, the SPED Piper Video Series is considered the Industry Standard for piping training.

SOCIETY OF PIPING ENGINEERS AND DESIGNERS • SPED

For more information, call 832.286.3404 or email videos@spedweb.com

SPED Announces Reduced Certification Fees for SPED Corporate Members

SPED is adding even more value for our Corporate Members through further discounts of PPD Certification fees. "We continue to look for more ways to give value to our Corporate Members. PPD Certification gives companies the edge they are looking for in a tight market. The educated and credentialed piper is an efficient piper. In this market efficiency means cost savings to the client and that means more business." stated Andrea Macejak, SPED Manager of Operations.

The SPED Board recently created the PPD100% Certification Club to assist EPC Firms in credentialing employee skills. In conjunction with this new thrust, Dr. Beazley, SPED Executive Director, authorized these new fees to respond to the interest in the PPD 100% Certification Club. SPED will pass the savings of efficient billing back to the Corporate Member. "Everyone wins. The EPC Firm, the piper, SPED and the client. This just puts more icing on the PPD 100% Certification Club." said Andrea Macejak

For More Information about the PPD 100% Certification Club contact Andrea Macejak at spedexec@spedweb.com or 832-286-3404.

PPD Certification gives companies the edge they are looking for in a tight market. The educated and credentialed piper is an efficient piper. In this market efficiency means cost savings to the client and that means more business." stated Andrea Macejak, SPED Manager of Operations.

Certification Fees

(Effective September, 2009)

Professional Piping Designer (PPD)

Certification Action	Fee (US $)		
	Corporate Member	Member	Non Member
Initial Application Fee (1)	$100*	$150	$200
Annual Renewal Fee (2)	$50*	$ 90	$125
Level Advance Application Fee (3)	$100*	$100	$125
PPD Level I Exam Fee (4)	$100*	$150	$200
PPD Level III Exam Fee (5)	$100*	$150	$200
Exam Retake Fee (6)	$75*	$90	$90

1. Requires Passing Score on sequential Level I or Level III Exam or by Experience Waiver Request for Level IV only and PPD Certification Application
2. Requires Professional Development Units Declaration
3. Requires Level Certification in Good Standing and PPD Certification Level Advancement Application
4. Requires advance registration and is non-refundable
5. Requires PPD Level II Certification in Good Standing ,advance registration and is non-refundable
6. Must be taken within 90 days of non-passage of PPD Exam Level I or III (SPED Board July 06)

*All fees must be paid by the SPED Corporate Member

NEW! SPED Online Courses

Society of Piping Engineers and Designers is now offering these online courses.

• PPD Piper BootCamp

Ends in Level I Exam: ***Testing and Textbook Included***

• Process Plant Layout and Piping Design

Ends in Level III Exam: ***Testing and Textbook Included***

SESSION VI '09

October 26th - January 1st

Register early and get $100 off

Offer ends October 16, 2009

SESSION VII '09

November 23rd - January 29th

Register early and get $100 off

Offer ends November 13, 2009

$1,500

Register online at www.spedweb.com or call 832.286.3404

SPED Calendar of Events—Sept—November 2009

Dates & Time	Day(s)	Location	Cost	Membership
PDS I **Fall 2009 TBA**		TBA	$1195	SPED Members Only
SPED PPD Level I Review and Exam at the COADE User Conference **September 27, 9:00-5:00** **www.spedweb.com**	Sun	Woodlands Waterway Marriott Hotel Houston, TX	$300	SPED Members Only Register on the SPED Website
SPED PPD Level III Online Review and Exam at the COADE User Conference **September 27, 9:00-5:00** **www.spedweb.com**	Sun	Woodlands Waterway Marriott Hotel Houston, TX	$300	SPED Members—Free Trial Three Month Membership w/purchase Includes Exam and Application Fees
2009 COADE User Conference, **September 28-30** **http://www.coadeuserconference.com/2009/**	M-W	Woodlands Waterway Marriott Hotel Houston, TX	$995 $1195	Registration by August 1st After August 1st
PPD Piper BootCamp Online **Starting October 26th—January 21st** **Early Registration Discount**		Online	$1500 $1400	SPED Members Only Registration By October 16th
PPD Process Plant Layout Online **Starting October 26th—January 21st** **Early Registration Discount**		Online	$1500 $1400	SPED Members Only Registration By October 16th
2009 COADE User Conference, **September 28-30** **http://www.coadeuserconference.com/2009/**	M-W	Woodlands Waterway Marriott Hotel Houston, TX	$995 $1195	Registration by August 1st After August 1st
AVEVA ISEIT 2009 **October 6-7** **http://www.iseit.com/**	T, W	Grand Hyatt Berlin Berlin, Germany	€462 €564	Early Bird Registration Fee Conference plus non Delegate Fee
VMA Value Basics Seminars & Exhibition **October 29, 8:00am—6:00pm** **http://vma.yourmembership.com/?ValveBasics**	TH	Sheraton Houston Brookhollow Hotel Houston, TX	$275 $150 $75	Full Day Registration Both Seminars Half Day Registration One Seminar Exhibit Hall Only
2009 SPED Annual General Business Meeting and Corporate Member Showcase **November 17, 2009, 6-9 pm**	T	Omni Hotel Westside Houston, TX	$35 $25 $15 $15	Non-Member Member Corporate Member 10 or more Student w/ID
PPD Piper BootCamp Online **Starting November 23rd—January 29th** **Early Registration Discount**		Online	$1500 $1400	SPED Members Only Registration By November 13th
PPD Process Plant Layout Online **Starting November 23rd—January 29th** **Early Registration Discount**		Online	$1500 $1400	SPED Members Only Registration By November 13th
SPAR 2010 **February 8-10** **http://www.sparllc.com/spar2010.php**	M-W	Woodlands Waterway Marriott Hotel Houston, TX	TBA	
DIGITAL PLANT 2010 (daratechPLANT) **March 1-3** **http://www.daratechplant.com/**	M-W	Hilton Americas Houston, TX	TBA	

SPED Training Calendar –Sept—November 2009

Dates & Time	Day(s)	Location	Cost	Membership
FIATECH Tech Tuesday Webinar Series Tuesdays, Weekly 11:00 ET http://fiatech.org/tech-connections/techtuesday.html	T	Online	FREE	Register at info@fiatech.org
PDS I Fall 2009 TBA		TBA	$1195	SPED Members Only
SPED PPD Level I and III Review and Exam at the COADE User Conference September 27, 9:00-5:00 www.spedweb.com	S	Woodlands Waterway Marriott Hotel Houston, TX	$300	SPED Members Only Register on the SPED Website
AVEVA Webinar: AVEVA Multi-Discipline Supports 12.0 September 30, 11:30 CDT http://www.aveva.com/products_services_events.php	W	Online	FREE	Registration Required via AVEVA PPD Certification PDU Acceptance
AVEVA Webinar: AVEVA Pipe Stress Interface October 7, 11:30 CDT http://www.aveva.com/products_services_events.php	W	Online	FREE	Registration Required via AVEVA PPD Certification PDU Acceptance
Piping Technologies & Products: Pipe Clamps October 8, 9am & 2pm CST www.pipingtech.com	TH	Online	FREE	Registration Required via PT&P PPD Certification PDU Acceptance
Intergraph SmartPlant Virtual Training October 19-23, 8:00 am—5:00pm http://www.intergraph.com/promo/smartcareer/default.aspx?	M-F	Intergraph Offices Houston, TX	FREE	Course is full> Contact Intergraph for further class listings.
AVEVA Webinar: AVEVA PDMS 12.0 October 21, 11:30 CDT http://www.aveva.com/products_services_events.php	W	Online	FREE	Registration Required via AVEVA PPD Certification PDU Acceptance
PPD Piper BootCamp Online Starting October 26th—January 21st Early Registration Discount		Online	$1500 $1400	SPED Members Only Registration By October 16th
PPD Process Plant Layout Online Starting October 26th—January 21st Early Registration Discount		Online	$1500 $1400	SPED Members Only Registration By October 16th
AVEVA Webinar: AVEVA Diagrams 12.0 November 4, 11:30 CDT http://www.aveva.com/products_services_events.php	W	Online	FREE	Registration Required via AVEVA PPD Certification PDU Acceptance
AVEVA Webinar: AVEVA Net Solutions November 18, 11:30 CDT http://www.aveva.com/products_services_events.php	W	Online	FREE	Registration Required via AVEVA PPD Certification PDU Acceptance