



PipingDesignCentral <pipingdesigner@gmail.com>

January SPED Update

1 message

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Society of Piping Engineers and Designers January 2020 SPED Update Newsletter

Hello again SPED members and friends of SPED!

New Members and Renewals

Michael Dyrgas
Debbie Dalme
Daniel Pierce
Jimmy Garcia
Rinat Gayfullin
Olga Zhuravlyova
Valeriy Maslov
Dmitriy Gladchenko
Diana Yu
Dhavel Patel
Tony Miletic
Emilio De Caso Martin
Michael Baldwin
Sonja Pagel
Juan Uribe
Tyler Magliolo
David Diehl

Ehab Sayed
Timothy Ivory
Mohamed Mostafa
Carlos Brown
Jeffrey Cloyed
David Harrison
Terry Hovey
Bruce Stockl
Todd Stritzke
Robert Wilson
Patsy Wells
Briton Whitfield

PPD Exams

Jon Carper
Brian Gebhart

PPD Certification Achieved

Sheldon Bassant

New PBC and PPL Students

Rinat Gayfullin
Olga Zhuravlyova
Valeriy Maslov
Dmitriy Gladchenko
Diana Yu

Air Cooled Heat Exchanger Piping Layout
(From WhatIsPiping)

SPED hard hat stickers have been received by the chapters. If you are a chapter member ask your president about obtaining one

Perfect Laminar Flow

Click for video of a "frozen" flow stream

Reducing Errors in the Design Office – Bill Kimber

From LinkedIn Article

How can we reduce the quantity and severity of errors in the design office? As much as 37% of project increases in cost and schedule can be traced back to changes in the original contracted scope.

A change in scope can be defined as; **“an unexpected development that will change the requirements and results in cost growth and time extension.”**

All Contract changes must be well documented using procedures that should already be in place. Procedures are designed to allow accurate documenting of project changes and the transmission of updated costs to the client for approval. The costs and terms are added to the original project documentation after client approval and become part of the amended contract.

Download the complete PDF:

https://spedweb.com/articles/Design_Errors_in_Major_Process_Plant_Projects_January_2020.pdf

Pipe Stress for Pipers - David Diehl, P.E.

From SPED 2011 Technical Briefs

Download the complete PDF (4MB):

https://spedweb.com/articles/pipe_stress_for_pipers_david_diehl_sped.pdf

SPED Announces Plans for New Course on Piping Design Quality Assurance

Course is Preparation for PPD Level II Certification

Update 25 January 2020: Bill Beazley announced to the SPED board of directors that PPD II testing modules will be ready for the PPD Advisory Committee in February - March of this year.

SPED has announced plans for a course on Piping Design Quality Assurance. The new course will prepare pipers to take the Profession Piping Design (PPD) Certification Exam for Level II. The course will be developed under the direction of the SPED PPD Advisory Committee (PPDAC) with review and input from SPED individual and Corporate Members. The course will be offered online with the video segments available for license.

“This PPD Level II course will fill an important gap in our training program,” said William G. Beazley, SPED Executive Director. “Our industry-standard PPD Level I and III course are widely used but Level II will now be addressed.” SPED’s Piper Bootcamp and Process Plant Layout courses address Levels I and III, respectively.

PPD Level II, Piping Design Quality Assurance, is considered a critical area of today’s piping layout work practices. It addresses checking various design documents for errors of content and consistency, as well as adherence to multiple codes and standards. Process Flow Sheets, Piping and Instrumentation Diagrams, Equipment/Valve Data Sheets, Piping Layouts and Fabrication ISO’s are among the documents reviewed for errors. Pipers will be expected to understand the data shown on each document and check for consistency between them.

In addition, there are additional topics addressed on field data collection and specialty piping systems. These topics, along with the QA checking are required by SPED's Recommended Practice RP-0001, which governs the SPED PPD Certification Program.

About SPED

Since 1980, SPED has focused exclusively on the needs of Piping Engineers and Designers, by:

1. Promotion of Piping Design as a Profession through Website Articles, Public Outreach and Chapter Activities.
2. Administration of the Professional Piping Designer Certification Program.
3. Training to increase Employability and Achieve PPD Certification.

Requirements for Field Welding (From WhatIsPiping)

Flexicraft is your one call for every style of expansion joint and flexible connector.



Don't forget that SPED is always on the lookout for member-written piping-related articles to publish at the website

See you all next time!



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