
October 2020 SPED Update

1 message

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Society of Piping Engineers and Designers

October 2020 SPED Update



Membership News

New Members and Renewals

Nicholas Boodram

Arti Patel
Glen Payne
Mohamed Sambo Mahmoud
Tony Miletic
Sheldon Bassant
Frank Haesler
Carlos Castillo
Sheldon Peter
Alberto Testoni
David Bissett

PPD Certification Achieved

Mahmoud Mohammed Sami Salem Hassan, L2
Ibrahim Attia, L1
Michael Joseph Liquigan, L2

New PBC and PPL Students

Arti Patel - SPED Bundle

PPD Certification Enrolments

Mark Dryden

2020 Annual General Business Meeting

In contrast to recent years, 2020s AGBM will be held via Zoom. The capacity is 100 participants, so if you are a SPED member and would like to attend, contact Catherine. The date for the event is November 5.

For more information contact
catherine_van_der_walt@spedweb.com

Faster Scan to PDMS Workflows (Webinar Video)

<https://www.clearedge3d.com/faster-scan-pdms-workflows-video/>

(May require registration)

Free to SPED Members - High Purity Piping Module

The SPED Board has released its new module on High Purity Piping. The module is free to SPED members. High-Purity piping is important in many industries, including:

- Food, Dairy, and Beverage
- Pharmaceutical
- Bioprocessing
- Semi-Conductor

This module is a quick overview of the standards and practices utilized in High-Purity piping and equipment.

The module is free to all SPED members. Registration can be done yourself, with the enrollment key given to you by this office.

For more information contact
catherine_van_der_walt@spedweb.com

Special COVID-19 Home Study Pricing for October 2020

SPED recognizes that many of our members are under stay-at-home orders. We must work and study away from workplaces and schools.

Continuing for the month of October, SPED is offering a bundle price for its two online courses, ***Piper Bootcamp*** and ***Process Plant Layout***. For the price of the course (membership required), both the course and PPD Certification Testing and application is included. This is a US\$250 savings.

We hope this helps utilize the time productively. Please stay safe!

For more information contact
catherine_van_der_walt@spedweb.com

Sean Moran's Zoom Video Webinar on his Book, *Process Plant Layout*



<https://lnkd.in/g7KgtSp>

Field Tools for Site Measurement

James O. Pennock suggests these 'Alternate tools that may be helpful' for a site visit to take measurements:

- String line, plumb bob, and string level (used for measurements)
- Camera (requires client approval and pass)
- Stopwatch (used for checking frequency of events)
- Medical-type stethoscope (used for listening for unusual noises inside of pipes)

The first two, certainly. But has anyone ever used the last two in the field?



Flow Simulation Software Training by AFT

SPED is partnering with AFT (Applied Flow Technology) of Colorado for this survey gauging SPED membership's interest in flow simulation training. SPED members should have already received an email invitation to take the quick two-question survey.



Announcement – OptiPlant Free Course for PPD-Certified Pipers

Several SPED Chapters have asked if we can arrange for training to sharpen the skills of our members.

Training has become particularly important to pipers displaced by COVID-19, OPEC+ Price War and other issues. One of SPED's Corporate Members, OptiPlant, has partnered with us to create a training opportunity for Professional Piping Designer (PPD) Certified Pipers.

OptiPlant 3D is a leading conceptual design and engineering automation tool in the Plant Design Industry. Major global Owner Operators and the top EPCs are utilizing OptiPlant for Pre-FEED and FEED projects. OptiPlant is partnering with SPED to offer self-training video tutorials and instructor led web training to achieve OptiPlant certifications. This training will certify you to develop 3D layouts, to develop multiple options, auto-route 3D pipe and learn to configure rules and piping assemblies, auto-route 3D cable tray and

conduit, design parametric steel for pipe racks and buildings, learn to automate concrete foundations, design modules, and more.

Two classes are being offered:

- Session 1: Automated Layout Technology Awareness (12 hrs.) for PPD Level I and above, limit 25 seats, and,
- Session 2: OptiPlant Basic Training (12 hrs.) for PPD Level II and above, Level III recommended, limit 8 seats.

See the [announcement at spedweb.com](https://www.spedweb.com) for further information or contact catherine_van_der_walt@spedweb.com

OptiPlant Next-Phase Training for PPD-Certified Pipers

The first batch of LIII and LIV students' OptiPlant Automated Layout Technology Awareness training has completed and the students have moved on to Basic Training. A new intake of students has begun for the first level course.

List of Session 1 Student Completions

Sheldon Bassant
William Beazley
Elvis-Bob Bechiro
Paul Bowers
Chris Bowman
Johnny Dernulc
Michael Dyrgas
Khaled El-gohary
Jimmy Garcia
Frank Haesler
Bir Singh Khangura
Michael Liquigan
Abdelrhman Marzouk
Kevin Noakes
Robert Oakley
Glen Payne
Mahmoud Sami
Tyler Sandwith
Shanmugasundaram Subramanian

September 2020 Piping News From H.M. Huitt

Piping Design for Hazardous Fluid Service Part 3 of 3
Pinch Valves
Design Questions

<https://files.constantcontact.com/07162fb1701/ede61ed2-6343-4bfa-b5a8-46cd0316ab91.pdf>

Architects Versus Autodesk

The linked article is not specific to plant and piping design (although REVIT is often used in our industry), but it contains insights on large software firms and their relationship with end users.

https://www.architectmagazine.com/technology/architects-versus-autodesk_o

REMINDER TO SPED MEMBERS TO UPDATE THEIR PROFILES AND PROVIDE A NON-WORK CONTACT EMAIL ADDRESS

Many SPED members use their work email address when they join SPED, but this means that we will lose your contact details if you change jobs. Login at spedweb.com and keep your email address up-to-date.

The 5 Major Advantages Of Modular Process Skid Design

<https://www.epicmodularprocess.com/blog/advantages-of-modular-design>

New Website Design for SPEDweb.com Underway.

In response to SPED membership comments and suggestions on the current design of SPEDweb.com, an improved version is being prepared. We expect it to be ready to go online in November.

Professional Piping Designer Certification
GET CERTIFIED WITH SPED
FOR MORE INFORMATION: EMAIL: CCO@SPEDWEB.COM OR CALL: +1 713-960-6478

Are You Certified?
When choosing among pipers, clients and employers know that Certified Professional Piping Designers (PPDs) meet the specific requirements of the process piping industry.

Advance PPD Certification | SPED Membership Status
First Name: _____
Last Name: _____

In today's competitive marketplace, the most qualified pipers have the best careers and their firms receive the most projects.

This is why SPED is promoting PPD Certification for all pipers. To that end, SPED has developed online courses, challenging exams, and programs that the PPD 100% Club to help pipers achieve excellence and document their skills with PPD Certification. The four levels of PPD Certification (see at right) indicate each piper's level of competence.

To schedule your online PPD Certification exam or register for an online review, email info@spedweb.com or call +1 713-960-6478.

LEVELS OF PPD CERTIFICATION
Level I Basic PPD, Property Started
Level II Advanced PPD, Organize Work
Level III Senior PPD, Independent Producer
Level IV Lead PPD, Manage, Assure Work

About Certification
All PPD Levels require practical testing. Currently, level progression is based upon years of experience, education, and industry references. Level IV requires proven peer supervisory experience.

SPED offers online courses and an online Review and Examine exam to help you prepare for PPD Certification. Piped BestCamp is a self-paced online course for beginning pipers with piping-related education. Piped Start Camp is a self-paced online course for pipers with five plus years of experience. Each course's price includes course material, a handbook, exam, the application fee for PPD Certification and one year SPED Membership.

If you are confident in your knowledge of the material listed in our online courses, then the PPD Review and Exam may be the right choice for you. More information about PPD Certification, online courses, and the Review and Exam is available at www.spedweb.com. The SPED Certification Application is also available for download at www.spedweb.com.

Steps to PPD Level I Certification
1. Submit a completed certification application form along with your resume and three references;
2. Pass the PPD Level I examination;
3. SPED will review your application and issue results and determine if all criteria have been met; if all criteria are met, SPED awards certification;
4. Annually renew your PPD Certification at www.spedweb.com.

Steps to PPD Level Advance
1. To advance PPD Level, submit a completed certification application form along with your resume and three references;
2. Pass the appropriate PPD Level examination;
3. SPED will review your application and issue and determine if all criteria have been met; if all criteria are met, SPED awards certification; PPD Level IV may require a review by the SPED Board of Directors;
4. Annually renew your PPD Certification at www.spedweb.com.

Two Steps to Renew
1. Complete and document the required Peer Professional Development Units (PPDU) by logging in to your SPED account profile at www.spedweb.com;
2. Go to www.spedweb.com, click on 'PPDU Renew'.

SPED Membership is not necessary for certification.

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 and stay safe!

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