

1/2 Day Centrifugal Pump Seminar for Design Engineers

by **R.J. Santiago, CPD, GPD**

R.J. earned his Bachelor of Science in Mechanical Engineering from California State University, Fullerton, and has a Certified Plumbing Design (CPD) and Green Plumbing Design (GPD) certifications. As a Project Manager at a consulting firm, he was instrumental in multiplying the company's revenue by ten. RJ had the privilege of leading a team of elite engineers overseeing both local and international projects. Presently, he is a key player in Dawson Co.'s Business Development Group, where he supports mechanical and plumbing engineers with their hydronic needs.

Who Should Attend?

Design Engineers

Information to Be Covered

PUMP 101

- Types of Pumps
- What a Pump Does
- Pump Curve Characteristics
- System Curve Introduction (including affinity laws)
- Pump Identification in the Field (using pressure gauges when there is no nameplate info)

PUMP 102

- System Syzer Introduction
- Pump Accessories
- Troubleshooting:
- Over-pumping
- Under-pumping
- Cavitation

PUMP 103

- Open/Closed Systems
- Parallel/Series Pumping
- Parallel Pumping and Having System Curve Cross Single Pump Curve
- Show examples of how control head and reducing the speed effect this
- Pump Components
- Motor Basics

Friday, November 15, 2024 8:00 AM - 12:00 PM

SAN DIEGO OFFICE, 9181 Chesapeake Drive, San Diego, CA 92123 | Tel: 858-541-7867

Water, coffee, soda, and lunch will be provided

To ensure that each attendee receives the full benefit of this seminar, the class size is limited to **18 attendees.**

Name _____
Company _____
Phone _____
Email _____

Name _____
Company _____
Phone _____
Email _____

Name _____
Company _____
Phone _____
Email _____

(A) Total Number of Persons Attending _____

(B) Total Cost of Seminar per Person: **\$25.00**

Total Enclosed (AxB): \$ _____

Please let us know if you have any dietary requirements:

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Payment Method 2 - check - Mail to: Dawson Company, P.O. Box 6011, Pomona, CA 91769-6011

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