

# REGISTER NOW

**LAST YEAR SOLD OUT!**

Don't miss your opportunity to learn from industry leaders

- ✓ **EXTENDED FACTORY TRAINING SESSION AVAILABLE**
- ✓ **EXTENDED FEATURES & BENEFITS TRAINING SESSION**
- ✓ **EXTENDED PUMP APPLICATION TRAINING SESSION**

- Basic Hydraulics
- Pump Selection & Application
- Installation & Care
- Troubleshooting
- Hands-on Experience
- Factory Tour
- Continuing Education Credit

# ENJOY PORTLAND

Portland offers eclectic nightlife, a vibrant food scene, and a close location to fantastic fishing, hiking, beaches, and mountain getaways. Depending on your available transportation and your free time, Portland has many fun experiences for you to enjoy. Close to the hotel, though, are the world-famous VooDoo Doughnuts—the line can be up to two blocks long to enjoy these fanciful doughnuts. Chinatown, with the Lan Su Chinese gardens, is also very close by. If you want to indulge in delicious food, try visiting one of Portland's many food carts. As the epicenter of the food cart revolution, Portland is home to more than 600 food carts. Several collections of carts (pods) are only a few blocks from the hotel. Once you finish your food, try visiting Portland's lively beer scene. There are five breweries within easy walking distance of the Benson, and many more, a cab, Uber, or MAX ride away.



## 2023 PUMP SCHOOL

SEPTEMBER 12TH & 13TH, 2023  
BENSON HOTEL | PORTLAND, OREGON

IN-PERSON, HANDS-ON TRAINING  
AT THE CORNELL FACTORY



# LEARN FROM INDUSTRY EXPERTS · LIVE DEMOS · HANDS-ON TRAINING

## PUMP SCHOOL SCHEDULE

TUESDAY, SEPTEMBER 12th, 2023

### SESSION 1: BASIC HYDRAULICS

Typical Subjects Include:

- Basic Hydraulics
- Pump Selection, NPSHA/R
- Installation & Troubleshooting
- Flow Meter
- System Design, TDH
- Calculation & Friction Losses
- System Curves, Pumps
- Parallel & Series
- Pump Curves
- Materials of Construction
- Pump Parts
- Pump Flo

### SESSION 2: ADVANCED TOPICS

Typical Subjects Include:

- Materials of Construction
- Mechanical Seals
- VFD's & Controls
- Energy Efficiency Calculations
- System Curves, Pumps
- Parallel & Series
- NPSHA/R Calculations & HI Standards
- Corrosion / Metallurgy
- Installation & Troubleshooting
- Motors
- Life Cycle Costs

WEDNESDAY, SEPTEMBER 13th, 2023

### FACTORY TRAINING & TOUR @ CORNELL PUMP

- Assembly Training
- Factory Tour
- Test Lab Training

### YOU CAN CHOOSE TO STAY AT CORNELL PUMP FOR FURTHER FACTORY TRAINING OR RETURN TO THE HOTEL FOR THE FOLLOWING TRAINING:

- Features & Benefits
- Engine Applications
- Seal Life
- Industrial Internet of Things (IIOT)
- Pump Selection for Mining & Slurry Applications
- Energy Efficiency
- Wire-to-Water Efficiency
- VFD's & Critical Speeds

THE LISTED SUBJECTS ARE TYPICAL AND ARE SUBJECT TO CHANGE

PUMP SCHOOL ATTENDEES AND SPOUSES ARE INVITED TO DINNER TUESDAY EVENING, SEPTEMBER 12TH, FOLLOWING THE SEMINARS.

THERE WILL BE A RECEPTION IN PORTLAND ON MONDAY NIGHT, SEPTEMBER 11TH, 2023. PARTICIPATING PUMP SCHOOL ATTENDEES AND SPOUSES ARE ENCOURAGED TO ATTEND IF THEY ARE IN THE AREA.

## PUMP SCHOOL RATES

PER PERSON FOR DISTRIBUTORS AND GUESTS . . . . \$150.00

PER PERSON FOR NON-DISTRIBUTORS . . . . . \$225.00

(In-person school includes transportation to factory on DAY 2)

Registration deadline is August 21, 2023  
No refunds after September 1st, 2023

## HOTEL RESERVATIONS

A block of rooms is held for Pump School Attendees at the Benson Hotel in downtown Portland. Rooms will be reserved on a first-come, first-serve basis. Please make your reservation early to ensure room availability.\*



**BENSON HOTEL  
DOWNTOWN  
PORTLAND  
309 SW BROADWAY  
PORTLAND, OR 97205  
+1 503.228.2000  
BENSONHOTEL.COM**

\*Cornell Pump Company is not responsible for any room reservations. All hotel accommodations are the responsibility of the attendee. The block of rooms at the Benson Hotel is available on a first-come, first-serve basis. Please make your reservations early so that you can make sure the room is available.

Use the QR Code or the link below to book your room(s)  
<https://bit.ly/2023PSBenson> or call **1.800.774.1500**  
and use group code **CPS23**. Rooms are \$212.00 / night.

## SPACE IS LIMITED REGISTER TODAY

### Cornell Will Provide:

- 8 hours of instruction per day
- USB filled with presentations
- Catered lunch
- Break refreshments
- CEU credits
- Network with other pump professionals

## REGISTRATION FORM

Complete and return this form or register online at  
[www.cornellpump.com/2023-pump-school](http://www.cornellpump.com/2023-pump-school), use **CPS23** to receive  
Cornell Pump School room rate at Benson Hotel Downtown Portland

FIRST NAME:

LAST NAME:

TITLE:

COMPANY:

ADDRESS:

CITY:

STATE / PROV:  ZIP CODE:

PHONE:

FAX:

E-MAIL:

1. What is your primary market? (Check one only)  
 Agriculture  Industrial  Municipal  Mining  Gas / Oil
  2. What session will you be participating in on DAY 1? (Check one)  
 Session 1 (Basic)  Session 2 (Advanced)
  3. What afternoon training session will you choose on DAY 2? (Check one)  
 Factory Training  Benson Training
  4. What do you expect to gain from this PUMP SCHOOL?
  5. Are you interested in continuing education credits?  
 Yes  No
- If Yes; what association or group (e.g. OESAC, etc.)

Make checks payable to **CORNELL PUMP COMPANY LLC**

Mail registration form and payment to:  
**CORNELL PUMP COMPANY LLC  
PUMP SCHOOL 2023  
16261 SE 130TH AVE  
CLACKAMAS, OR 97015**

Any questions? Call or e-mail  
+1 503.653.0330 -or- [pumpschool@cornellpump.com](mailto:pumpschool@cornellpump.com)