



PUMP SCHOOL

2023 SCHEDULE

MONDAY, SEPTEMBER 11

6:00 - 9:00 PM Welcome Reception London Grill

TUESDAY, SEPTEMBER 12

7:00 - 8:00 AM Registration Kent Room

TRACK #1 - INTRODUCTORY

MC - ERIC HOLTAN

TIME	TOPIC	PRESENTER	LOCATION
8:00 - 8:15 AM	Welcome and Logistics	Robert Ray	Mayfair Room
8:15 - 8:45 AM	Pump Parts & Terminology	Brandon Yoder	Mayfair Room
8:45 - 9:15 AM	Basic Hydraulics	Kyle Ashby	Mayfair Room
9:15 - 9:45 AM	Pump Curves	Chad Enz	Mayfair Room
9:45 - 10:00 AM	Break		
10:00 - 10:30 AM	NPSHA/R	Jordan White	Mayfair Room
10:30 - 11:00 AM	TDH & Friction	Brian Oneil	Mayfair Room
11:00 - 11:30 AM	System Curves	Seth James	Mayfair Room
11:30 AM - 12:00 PM	Morning Recap • Panel • Quiz	Jordan White	Mayfair Room
12:00 - 1:15 PM	Lunch		Parliament Rooms
1:15 - 1:45 PM	Pumps in Parallel / Series	Jordan White	Mayfair Room
1:45 - 2:15 PM	Pump-Flo Selection Software	Eddie Esparza	Mayfair Room
2:15 - 2:45 PM	Pump Selection	Eric Holtan	Mayfair Room
2:45 - 3:00 PM	Break		
3:00 - 3:30 PM	Energy Efficiency	Jordan White	Mayfair Room
3:30 - 4:00 PM	Drivers & Couplings	Adam Lawler	Mayfair Room
4:00 - 4:30 PM	Install & Troubleshooting	Dave Young	Mayfair Room
4:30 - 5:00 PM	Afternoon Recap • Panel • Quiz	Jordan White	Mayfair Room
6:00 - 9:00 PM	Dinner		Portland Art Museum

TRACK #2 - ADVANCED

MC - DEREK PETERSEN

TIME	TOPIC	PRESENTER	LOCATION
8:00 - 8:15 AM	Welcome and Logistics	Marcus Davi	Crystal Ballroom
8:15 - 8:45 AM	Pump Curves	Chad Enz	Crystal Ballroom
8:45 - 9:15 AM	NPSHA/R	Andrew Enterline	Crystal Ballroom
9:15 - 9:45 AM	System Curves, TDH, & Friction	Seth James	Crystal Ballroom
9:45 - 10:00 AM	Break		
10:00 - 10:30 AM	Pumps in Parallel / Series	Adam Lawler	Crystal Ballroom
10:30 - 11:00 AM	Pump Selection	Ron Aceto	Crystal Ballroom
11:00 - 11:30 AM	Energy Efficiency	Adam Lawler	Crystal Ballroom
11:30 AM - 12:00 PM	Morning Recap • Panel • Quiz	Andrew Enterline	Crystal Ballroom
12:00 - 1:15 PM	Lunch		London Grill



PUMP SCHOOL

2023 SCHEDULE

1:15 - 1:45 PM	VFD's / Motors - Advanced	Rob Stuart - ABB	Crystal Ballroom
1:45 - 2:15 PM	Engines	Jeremy Ghent	Crystal Ballroom
2:15 - 2:45 PM	Couplings & Rubber Disc Drive	Sarah McChesney - Reich	
2:45 - 3:00 PM	Break		
3:00 - 3:30 PM	Vibration	Aaron Weiss & Josh Barksdale	Crystal Ballroom
3:30 - 4:00 PM	Sealing Systems	Tim Wegener - Flowserve	Crystal Ballroom
4:00 - 4:30 PM	Metallurgies	Andrew Enterline	Crystal Ballroom
4:30 - 5:00 PM	Afternoon Recap · Panel · Quiz	Andrew Enterline	
6:00 - 9:00 PM	Dinner		Portland Art Museum

WEDNESDAY, SEPTEMBER 13

TIME	TOPIC	PRESENTER	LOCATION
7:00 - 7:30 AM	Load Buses to Cornell		Hotel Entrance
7:30 - 8:25 AM	Arrive / Light Breakfast / Split into 6 Groups		
8:25 - 9:10 AM	Factory Tour (All Groups)		Outdoor Tent
	1) Mazak	Jadon Richmond	Group A Starts Here
	2) Inspection Area	Charlie Randall	Group B Starts Here
	3) Assembly Area	Ryan Bothwell	Group C Starts Here
	4) Paint, Shipping and Receiving	Tanith Wilson & Nick West	Group D Starts Here
	5) Shafts	Roger Werts	Group E Starts Here
	6) Impellers/weld shop	Ted Weiss	Group F Starts Here
9:10 - 10:10 AM	Assembly Training - Basic (Groups A, B, & C)	Ryan Bothwell	Assembly Area
9:10 - 10:10 AM	Test Lab Training - Basic (Groups D, E, & F)	Luke Amstad	Test Lab
10:10 - 10:20 AM	Break and switch		
10:20 - 11:30 AM	Assembly Training (Groups D, E, & F)	Ryan Bothwell	Assembly Area
10:20 - 11:20 AM	Test Lab Training (Groups A, B, & C)	Luke Amstad	Test Lab
11:30 AM - 12:30 PM	Lunch at Cornell (Employees & Groups)	Buster's BBQ	Outdoor Tent

THOSE WHO WOULD LIKE TO RETURN TO THE CLASSROOM TRAINING WILL LOAD THE BUS(ES) AT 12:30 PM.

THOSE WHO WOULD LIKE TO CONTINUE FACTORY TRAINING SPLIT INTO TWO GROUPS AND REMAIN ON-SITE UNTIL BUS(ES) DEPART AT 4:00 PM.

FACTORY TRAINING - ADVANCED		MC - MICHAEL ROBERTS	
TIME	TOPIC	PRESENTER	LOCATION
12:30 - 2:00 PM	Advanced Pump Assembly	Ryan Bothwell	Assembly Area
12:30 - 2:00 PM	Advanced Test Lab	Luke Amstad	
2:00 - 2:15 PM	Break and Switch		Outdoor Tent
2:15 - 3:45 PM	Advanced Pump Assembly	Ryan Bothwell	
2:15 - 3:45 PM	Advanced Test Lab	Luke Amstad	
3:45 - 4:00 PM	Load Bus(es) For Hotel		Bay Doors
4:00 - 4:45 PM	Bus(es) to Hotel		



PUMP SCHOOL

2023 SCHEDULE

CLASSROOM TRAINING - ADVANCED

MC - ERIC HOLTAN

TIME	TOPIC	PRESENTER	LOCATION
1:30 - 2:00 PM	Features & Benefits	Jeff Davis	Mayfair Room
2:00 - 2:30 PM	Priming Systems	Jeremy Ghent	Mayfair Room
2:30 - 3:00 PM	Ragging and Solids Handling	Jason Davidson	Mayfair Room
3:00 - 3:15 PM	Break		

GROUP #2 CLASSROOM SESSIONS SPLIT INTO TWO SUB-GROUPS A & B

GROUP #2A - IOT

MC - ERIC HOLTAN

TIME	TOPIC	PRESENTER	LOCATION
3:15 - 3:45 PM	IoT Applications	BJ Warren	Mayfair Room
3:45 - 4:15 PM	IoT Products	BJ Warren	Mayfair Room
4:15 - 4:45 PM	RPM ² Software Tool	Zak Thomas	Mayfair Room

GROUP #2B - SLURRY

TIME	TOPIC	PRESENTER	LOCATION
3:15 - 4:45 PM	Slurry Basics	Michael Papadeas	Cambridge Room
	Metallurgies	Michael Papadeas	Cambridge Room
	Applications	Michael Papadeas	Cambridge Room
	Seals	Jordan Castaneda	Cambridge Room
	Slurry Calculations using Slurry Cor	Michael Papadeas	Cambridge Room

GROUP #2 CLASSROOM SESSIONS COMBINE WITH GROUP #1

TIME	TOPIC	PRESENTER	LOCATION
4:45 - 5:00 PM	Pump Calculations & Quiz	Eric Holtan	Mayfair Room
5:00 - 5:15 PM	Hand Out Certificates	Michael Roberts	Mayfair Room
5:00 - 6:30 PM	Closing Reception - Drinks		Crystal Ballroom