



PUMP SCHOOL

2024 SCHEDULE

MONDAY, SEPTEMBER 9

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

TUESDAY, SEPTEMBER 10

7:00 - 8:00 AM Registration Kent Room

TRACK #1 - INTRODUCTORY

MC - ERIC HOLTAN & JORDAN WHITE

TIME	TOPIC	PRESENTER	LOCATION
8:00 - 8:15 AM	Welcome and Logistics	Robert Ray	Mayfair Room
8:15 - 8:50 AM	Pump Parts & Terminology	Brandon Yoder	Mayfair Room
8:50 - 9:25 AM	Basic Hydraulics	Logan Beaschler	Mayfair Room
9:25 - 10:00 AM	Pump Curves	Chad Enz	Mayfair Room
10:00 - 10:15 AM	Break		
10:15 - 10:50 AM	TDH & Friction	Brian O' Neill	Mayfair Room
10:50 - 11:25 AM	System Curves	Seth James	Mayfair Room
11:25 - 12:00 PM	Pumps in Parallel / Series	Adam Lawler	Mayfair Room
12:00 PM - 12:15 PM	Morning Recap · Panel · Quiz	Jordan White	Mayfair Room
12:15 - 1:15 PM	Lunch		Parliament Rooms
1:15 - 1:50 PM	NPSHA/R	Jordan White	Mayfair Room
1:50 - 2:25 PM	Pump Selection · Drivers & Couplings	Eric Holtan	Mayfair Room
2:25 - 3:00 PM	Pump-Flo Selection Software	Eddie Esparza	Mayfair Room
3:00 - 3:15 PM	Break		
3:15 - 3:50 PM	Energy Efficiency	Jordan White	Mayfair Room
3:50 - 4:25 PM	Sealing Systems	Tim Wegener - Flowserve	Mayfair Room
4:25 - 5:00 PM	Install & Troubleshooting	Dave Young	Mayfair Room
5:00 - 5:15 PM	Afternoon Recap · Panel · Quiz	Jordan White	Mayfair Room
5:30 - 8:30 PM	Dinner		The Midtown

TRACK #2 - ADVANCED

MC - DEREK PETERSEN & ANDREW ENTERLINE

TIME	TOPIC	PRESENTER	LOCATION
8:00 - 8:15 AM	Welcome and Logistics	Marcus Davi	Crystal Ballroom
8:15 - 8:50 AM	Pump Curves	Chad Enz	Crystal Ballroom
8:50 - 9:25 AM	Pump Selection	Ron Aceto	Crystal Ballroom
9:25 - 10:00 AM	System Head, TDH, & Friction	Seth James	Crystal Ballroom
10:00 - 10:15 AM	Break		
10:15 - 10:50 AM	Pumps in Parallel / Series	Adam Lawler	Crystal Ballroom
10:50 - 11:25 AM	NPSHA/R	Andrew Enterline	Crystal Ballroom
11:25 - 12:00 PM	Sealing Systems	Tim Wegener - Flowserve	Crystal Ballroom
12:00 PM - 12:15 PM	Morning Recap · Panel · Quiz	Andrew Enterline	Crystal Ballroom



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12:15 - 1:15 PM	Lunch		Parliament Rooms
1:15 - 1:50 PM	VFD's / Motors	Ed Koepke - US Motors	Crystal Ballroom
1:50 - 2:25 PM	Engines	Jeremy Ghent	Crystal Ballroom
2:25 - 3:00 PM	Couplings & Rubber Disc Drive	Joel Poganski - Reich	
3:00 - 3:15 PM	Break		
3:15 - 3:50 PM	Energy Efficiency	Adam Lawler	Crystal Ballroom
3:50 - 4:25 PM	Vibration	Josh Barksdale	Crystal Ballroom
4:25 - 5:00 PM	Metallurgies	Andrew Enterline	Crystal Ballroom
5:00 - 5:15 PM	Afternoon Recap · Panel · Quiz	Andrew Enterline	
5:30 - 8:30 PM	Dinner		The Midtown

WEDNESDAY, SEPTEMBER 13

TIME	TOPIC	PRESENTER	LOCATION
6:30 - 7:30 AM	Load Buses to Cornell		Hotel Entrance
7:30 - 8:10 AM	Arrive / Light Breakfast / Split into 6 Groups		
8:10 - 9:10 AM	Factory Tour (All Groups)		Outdoor Tent
	1) Mazak	Michael Hoffman	Group A Starts Here
	2) Inspection Area	Rafael Flores	Group B Starts Here
	3) Assembly Area	Brandon Yoder/Ron Totten	Group C Starts Here
	4) Paint, Shipping and Receiving	Tanith Wilson	Group D Starts Here
	5) Shafts	Jason Hart	Group E Starts Here
	6) Impellers/weld shop	Ben Hohbach	Group F Starts Here
9:10 - 9:20 AM	Break		
9:20 - 10:20 AM	Assembly Training - Basic (Groups A, B, & C)	Brandon Yoder/Ron Totten	Assembly Area
	Test Lab Training - Basic (Groups D, E, & F)	Luke Amstad	Test Lab
10:20 - 10:30 AM	Break and Switch		
10:30 - 11:30 AM	Assembly Training (Groups D, E, & F)	Brandon Yoder/Ron Totten	Assembly Area
	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	Brandon Yoder/Ron Totten	Assembly Area
	Advanced Test Lab	Luke Amstad	
2:00 - 2:15 PM	Break and Switch		Outdoor Tent
2:15 - 3:45 PM	Advanced Pump Assembly	Brandon Yoder/Ron Totten	
	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		



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CLASSROOM GROUP #1 - AG, MUNICIPAL, & INDUSTRIAL

MC - ERIC HOLTAN & ADAM LAWLER

TIME	TOPIC	PRESENTER	LOCATION
1:30 - 2:15 PM	Agricultural Products & Applications	Eric Holtan & Brian O' Neill	Mayfair Room
2:15 - 3:00 PM	Municipal Products & Applications	Ron Aceto & Jason Davidson	Mayfair Room
3:00 - 3:15 PM	Break		
3:15 - 4:00 PM	IoT Products & Applications	Will Argall & Tyler Haglund	Mayfair Room
4:00 - 4:45 PM	Industrial Products & Applications	Derek Petersen & Dave Young	Mayfair Room

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

CLASSROOM GROUP #2 - RENTAL, MINING, & IOT

MC - BJ WARREN & MIKE PAPPADEAS

TIME	TOPIC	PRESENTER	LOCATION
1:30 - 2:15 PM	IoT Products & Applications	Will Argall & Tyler Haglund	Crystal Ballroom
2:15 - 3:00 PM	Rental Products & Applications	Jeremy Ghent	Crystal Ballroom
3:00 - 3:15 PM	Break		
3:15 - 4:00 PM	Slurry Basics & Applications	Mike Papadeas	Crystal Ballroom
4:00 - 4:45 PM	Slurry Calculations using Slurry Cor	Mike Papadeas & Kendall Herring	Crystal Ballroom

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
5:15 - 6:30 PM	Closing Reception - Drinks		Kent Room