



CORNELL PUMP COMPANY PUMP SCHOOL

**70
YEARS**

2019 SCHEDULE

MONDAY, SEPTEMBER 16TH

6:00 - 9:00 PM	Welcome Reception	London Grill
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TUESDAY, SEPTEMBER 17

7:00 - 8:00 AM	Registration	Kent Room
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TRACK #1

MC - BOB JANSEN

TIME	TOPIC	PRESENTER	LOCATION
8:00 - 8:15 AM	Welcome and Logistics	Robert Ray	Mayfair Room
8:15 - 8:45 AM	Pump Parts & Terminology	David Haas	Mayfair Room
8:45 - 9:30 AM	Basic Hydraulics	Jordan White	Mayfair Room
9:30 - 10:15 AM	Pump Curves, System Design, TDH, & Friction	Lloyd Spanke	Mayfair Room
10:15 - 10:30 AM	Break		
10:30 - 11:15 AM	NPSHA/R	Ron Aceto	Mayfair Room
11:15 AM - 12:00 PM	System Curves	Bill Schlittler	Mayfair Room
12:00 - 1:15 PM	Lunch		London Grill
1:15 - 2:00 PM	Pumps in Parallel / Series	Bill Schlitter & Scott Pellerin	Mayfair Room
2:00-2:30 PM	Pump Selection	Nick Ivers	Mayfair Room
2:30 - 2:45 PM	Break		
2:45-3:30 PM	Installation & Troubleshooting	Jason Davidson	Mayfair Room
3:30-4:15 PM	Pump-Flo Selection Software Basics	Sarah Cockburn - Engineered Software	Mayfair Room
4:15-5:00 PM	VFD's / Motors - Basics	Patrick Hoog - US Motors	Mayfair Room
5:00 - 5:30 PM	Priming Systems	Tom Henry	Mayfair Room
6:30-9:00 PM	Dinner		Treasury Ballroom

TRACK #2

MC - DEREK PETERSEN

TIME	TOPIC	PRESENTER	LOCATION
8:00-8:15 AM	Welcome and Logistics	Marcus Davi	Crystal Ballroom
8:15 - 9:00 AM	NPSHA/R & HI Standards	Ron Aceto	Crystal Ballroom
9:00 - 10:00 AM	System Curves, Pumps in Parallel / Series	Derek Petersen	Crystal Ballroom
10:00-10:15 AM	NSF Pumps	Brandon LeBlanc	Crystal Ballroom
10:15 - 10:30 AM	Break		
10:30 - 11:15 AM	Slurry Pump Basic	Bill Schlittler	Crystal Ballroom
11:15 AM - 12:00 PM	VFD's / Motors - Advanced	Patrick Hoog - US Motors	Crystal Ballroom
12:00 - 1:15 PM	Lunch		London Grill
1:15 - 2:00 PM	Pump Flo Advanced	Sarah Cockburn - Engineered Software	Crystal Ballroom
2:00 - 2:30 PM	Vibration	Andrew Enterline	Crystal Ballroom
2:30 - 2:45 PM	Break		
2:45 - 3:30 PM	Metallurgies and Coatings	Bill Schlittler	Crystal Ballroom
3:30 - 4:00 PM	Mechanical Seals	Jordan Castaneda	Crystal Ballroom
4:00 - 5:00 PM	Ragging and Solids Handling	Jason Davidson and Ron Aceto	Crystal Ballroom
6:30 - 9:00 PM	Dinner		Treasury Ballroom



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WEDNESDAY, SEPTEMBER 18

TIME	TOPIC	PRESENTER	LOCATION
7:30 AM	Load Buses to Cornell		Hotel Entrance
8:15 - 8:25 AM	Arrive / Light Breakfast / Split into 6 Groups		
8:25 - 9:10 AM	Factory Tour (All Groups)		Outdoor Tent
	1) Mazak	Clayton Smith	Group A Starts Here
	2) Inspection Area	Kevin Tomlin	Group B Starts Here
	3) Assembly Area	Ryan Bothwell	Group C Starts Here
	4) Paint, Shipping and Receiving	Jason Hollingsworth	Group D Starts Here
	5) Shafts	Roger Werts	Group E Starts Here
	6) Impellers/weld shop	Marc Baird	Group F Starts Here
9:10 - 10:10 AM	Assembly Training (Groups A, B, & C)	Keith McPhun /Derek Petersen	Assembly Area
9:10 - 10:10 AM	Test Lab Training (Groups D,E, & F)	David Haas / Andrew Enterline	Test Lab
10:10 - 10:20 AM	Break and switch		
10:20 - 11:20 AM	Assembly Training (GroupsD,E,&F)	Keith McPhun /Derek Petersen	Assembly Area
10:20 - 11:20 AM	Test Lab Training (Groups A, B, & C)	David Haas / Andrew Enterline	Test Lab
11:30 AM - 12:30 PM	Lunch at Cornell (Employees & Groups)	Buster's BBQ	Outdoor Tent

FOR AFTERNOON CLASSROOM TRAINING, ATTENDEES WILL LOAD THE BUS(ES) AT ITS ARRIVAL AT 12:30PM

FOR AFTERNOON ADVANCED FACTORY TRAINING, ATTENDEES WILL REMAIN ON-SITE UNTIL BUS(ES) ARRIVAL AT 3:30PM

FACTORY TRAINING		MC - KEITH MCPHUN	
TIME	TOPIC	PRESENTER	LOCATION
12:30-3:10 PM	Advanced Pump Assembly	Ryan Bothwell	Assembly Area
3:10 PM	Load Bus(es) For Hotel		Bay Doors

CLASSROOM TRAINING		MC - BOB JANSEN/DEREK PETERSEN	
TIME	TOPIC	PRESENTER	LOCATION
1:30 - 2:00 PM	Features & Benefits	Dave Young	Mayfair Room
2:00 - 2:30 PM	Energy Efficiency	Jordan White	Mayfair Room
2:30 - 3:00 PM	Engines	Jeremy Ghent	Mayfair Room
3:00 - 3:15 PM	Break		

TRACK #1 AND #2		MC - BOB JANSEN	
TIME	TOPIC	PRESENTER	LOCATION
3:15 - 4:00 PM	IIOT on Pump Operation	BJ Warren & Adam Lindeman	Mayfair Room
4:00 - 4:30 PM	Vertical Turbines	Bob Jansen	Mayfair Room
4:30 - 5:00 PM	Pump Calculations -Tying Together Training Basic	Bob Jansen and Dave Haas	Mayfair Room

TRACK #3 MINING/ INDUSTRIAL

TIME	TOPIC	PRESENTER	LOCATION
3:15-5:00 PM	Advanced Slurry - Topics covered: Metallurgies, Applications, Seals, Slurry Calculations using Slurry Cor	Bill Schlittler & Jordan Casteneda	Brighton Room
4:30 - 5:15 PM	Hand Out Certificates		Outside Kent Room
5:00 - 6:30 PM	Closing Reception		Mezzanine