

Additional Bonus materials and technical articles you receive about best practice use of pumps, pumping and pumping systems.

Pumping Basics	
Article Title	
Changing the service duty of a pump.	
Shaft sealing with a packed gland.	
Get mechanical seals working properly.	
Effects of running centrifugal pumps on the right end of the pump curve.	
Net positive suction head.	
Sizing pipelines easily.	
Centrifugal pump cavitation.	
How fluid flows in pipes.	
Static electricity basics.	
Moving slurries about	

Pump Types Overview	
Article Title	
Changing the service duty of a Centrifugal pump.	
Effects of running centrifugal pumps on the right end of the pump curve.	
Magnetic drive (magdrive) pump experiences.	
Problems with peristaltic (hose) pumps.	
Helical rotor pumps – benefits and limitations.	
Gear Pump operation and maintenance	
Metering & Dosing pump Operation	

Centrifugal Pump Problems and Answers 101	
Article Title	
Changing the service duty of a pump.	
Flange bolting-up practices.	
Shaft sealing with a packed gland.	
Vibration and out-of-balance equipment.	
Get mechanical seals working properly.	
Effects of running centrifugal pumps on the right end of the pump curve.	
Net positive suction head.	
Vibration and its control.	
Corrosion in agitated conditions.	
The importance of fit, tolerance and clearance.	
Shaft alignment on pumps.	
Shaft coupling selection issues.	
Centrifugal pump cavitation.	
Centrifugal Pump Life Extension - The Volute	
Effect of process changes on electric motors	
Pump life extension - the impeller	