



CDR

Pumps UK Ltd | Making the right choice...

Pumping Fundamentals & Reliability Training

CDR Pumps (UK) Ltd are providing 'reliability focused' training to a number of customers.

The training sessions are structured for Project Engineers, Maintenance Engineers and Purchasing professionals who are users of pumps and involved in the operation of pumps, plant problem solving, reliability or plant improvements.

A key issue we also look at is energy efficiency and identify how we can save plants often substantial energy usage, improving bottom line profit. The 'hands on' practical approach is designed to give the opportunity to improving plant reliability.

Course Content

Pumping fundamentals

Pump design

Problem solving

Failure analysis

Who should attend

Pump Specifiers, Design Engineers, Process Engineers, Rotating Equipment Engineers, Reliability Engineers, Plant Operators and anyone else who works with pumps



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Specialist Training

Training Agenda

Pumping fundamentals

Understanding of how pumps operate and understanding fully a pump performance curve, the 'system' curve and the effects pumping systems have to rotating equipment.

This section will also identify the effects of system changes, operational intervention and the consequences to energy usage, pump reliability and performance characteristics.

Pump design

Key design features of centrifugal pumps, the important 'bits' and principals of how they work reliably and efficiently.

Pump strip

How to safely down and rebuild pumps, providing 'hands on' experience for participants, highlighting the key critical aspects.

Problem solving

Troubleshooting, looking at vibration, power consumption, duty variations and how pump performance is linked to the process plant.

Failure analysis

Looking at modes of failure, the causes, the indicative signs of wear, remedies and cost effective protection to eliminate failure, potential loss of containment, production and plant down time.

Your Instructors

Ashley Fenn

MD of CDR Pumps and Ashton Pumps, Ashley has been in the industry since leaving school for an apprenticeship with the LaBour Pumping Company and quickly rose through the ranks to product manager for magnetic drive pumps.

In 1998 the opportunity arose to bring CDR Pompe to the UK and he jumped at the chance to bring these products to the UK and Ireland market before taking it global.



Kevin Pratt

Kevin joined the CDR team in 2014 having trained as a mechanical electrical technician. His first role in the industry saw him take responsibility for fault finding, commissioning and testing of pump systems which soon led to project management.

To book your place on this course or to find our more information, call us today on 01933 674777 or email e.leeson@cdrpumps.co.uk

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