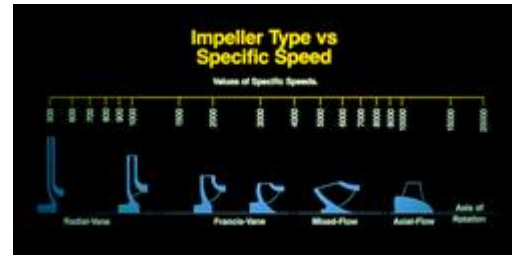


Pump Training Topics

Pump Fundamentals

- Pump Types/Functions
- Hydraulic Design
- Mechanical Design
- Auxiliary Systems
 - Mechanical Seal Systems
 - Lube Oil Systems
 - Couplings
- Pump Materials



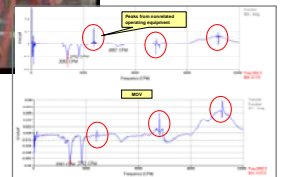
Pump Types

- Boiler Feed Pumps
 - Barrel
 - Segmental Ring
 - Split-Case
- Boiler Circulating Pumps
- Horizontal Split-Case Pumps
- Large Vertical Pumps
- Vertical Multistage Pumps
- Nuclear Safety Pumps and Systems



Testing

- Vibration Analysis
 - Vibration Basics
 - Advanced Vibration Topics
 - Vibration Case Studies
- Pump Field Testing
- Motor Field Testing



Other Topics

- Upgrades/Modifications
 - Hydraulic
 - Mechanical
 - Other
- Repair Processes
- Motor Basics
- Vertical Pump Intake Problems/Solutions
- Foundry Methods

