

# General Training Pty Ltd

*Know More In An Hour!*

Web Site: [www.lifetime-reliability.com](http://www.lifetime-reliability.com)

## Introduction To The Purpose, Use and Care of Centrifugal Pumps Training For Operators, Maintainers, Technicians and Engineers.



### Objective

This training teaches users and maintainers of centrifugal pumps why they are used, how they work, what causes them to go wrong and what is necessary to keep them operating properly.

### Training Contents

- Purpose of the equipment.
- The principles of how the equipment works.
- Important parts and assemblies.
- In-service design and operation.
- How the equipment achieves its purpose and the necessary operating conditions.
- Most likely failure modes, their causes and what to do about them.
- On-Site, workshop or test bench observations of an equipment installation.
- Conduct site tests and trails on the equipment operation.
  - Compare the installation to the minimum design required.
  - Predict effect of changes.
  - Observe actual changes.
  - Identify impact of changes to the equipment operation.
- Learning Assessment
  - Explain purpose and use of equipment.
  - Identify how the equipment achieves its purpose.
  - Specify the required operating conditions for proper performance.
  - List what failures are possible at the workplace and how to fix them.
  - Training Supervisor review.

### Outcomes of the Training

This training will introduce the trainee to the proper use, care and maintenance of centrifugal pumps. It will give them a deeper knowledge of the equipment and the factors that affect its operation. They will use the new know-how to better operate, care-for and maintain such equipment in future.

### Time Required

The training takes one hour to complete for able people with some industry experience.