



ENVIRONMENTAL TECHNOLOGY

## Mastering Mechanical Seals

AESSEAL's Skills Program provides specialist training to industry leaders and their employees to help understand the crucial importance of Mechanical Seals, how Bearing Protection improves equipment life, Identification and Understanding of Seal Support Systems and the Seal Selection Process. Our SETA aligned skills program offers a comprehensive 2-day course that covers both theory and practical training, ensuring that learners receive a well-rounded education in the subject matter.



“Training provided by AESSEAL® gave me the required amount of knowledge which enabled me to analyse faults and select the appropriate mechanical seal. The trainer was able to support on specific plant issues giving suggestions on how we could operate in a more reliable manner.”  
 Mechanical Engineer, Cargill

### Details

**Training Duration:** 2 Days

**Format:** Both theoretical and practical training

**Attendance:** In-class attendance required

**Benefits of Attending:**

- Increased knowledge and skills in industrial seals
- Improved performance and productivity
- Enhanced career prospects
- Better customer service and satisfaction for companies
- Compliance with industry standards and regulations

**Public Courses:** Enquire below for available dates

**Customer Booked Courses:** Group bookings can be made, and training can be offered on customer site.

### Specific Outcome Modules

- Understanding Single Seals
- Seal Installation Procedures
- Bearing Isolators & Lubrication Management
- Environmental Control Measures
- Understanding Site Safety, Equipment Isolation and PPE
- Dual Seals
- Single Component Mechanical Seals
- Introduction to Seal Support Systems
- Seal Selection Process
- Installations, Maintenance and Operations
- Mechanical Seal & Pump Reliability (Understanding RCA's and Fault Finding)
- Gland Packing

By understanding mechanical seals and their applications, learners will be able to effectively maintain and repair equipment, extending its lifespan and minimising costly plant downtime. This translates to significant benefits for employers, as they'll have skilled workers on-site who can troubleshoot and fix issues as they arise. The Unit Standard has been designed as part of a progression. It is one of a series of unit standards for machine maintenance in the engineering industry.



If you have any questions or want to know more information please contact us:

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