



## Urea Plants – Failure Prevention

**Potential PDH:** 4

### Description:

Training Module Description

- U1 Urea Plants overview
- U2 Urea Plants overview

### Outline:

- Overview of Urea Plants & Corrosion Mgt
- Integrity Mgt of equipment in the HP Feed & Synthesis Loops

### Who Should Attend:

The *Urea Plants – Failure Prevention* training is ideal for professionals involved in the operation, maintenance, engineering, and management of urea production facilities. This includes plant operators, technicians, maintenance and process engineers, reliability engineers, inspection and corrosion engineers, as well as plant managers, supervisors, and HSE managers. Each role can benefit from learning best practices in identifying and preventing failures, understanding common failure mechanisms, and implementing strategies to enhance plant reliability, safety, and productivity. This training equips attendees with essential skills to reduce downtime and ensure the integrity and safety of urea production processes.

### Subject Matter Expert (SME):

**David Keen** is a qualified Metallurgist with over 45yrs domestic and international experience in fertilizer and explosives manufacturing facilities across 12 countries globally. These facilities include Ammonia, Urea, Nitric Acid, Sulphuric Acid, Phosphoric Acid, Ammonium Nitrate, Fertilizer plants and Steam Generation utilities. David is a Subject Matter Expert (SME) on equipment integrity management and has in recent years downloaded this knowledge into a series of training modules focused on preventing equipment failures through experiential learning and team problem solving sessions.