

DAY 1

Introduction to Safety at Wind Power Plant

- History of wind energy
- Previous incident in wind plant
- Hazard identification and recognition
- Risk assessment techniques
- Hazards categories refer to international standards (OSHA/ISO/HSE)
- Hazards control methodologies

DAY 2

Electrical Safety

- The Hazards and Risks of Electricity
- Electrical shock, arc flash and arc blast
- Energized equipment (Motor control centers and switchgears)
- Damaged electrical power tools and equipment
- Protective Systems and Devices
- Lockout tag out
- Safe operation of electrical equipment
- Personal protective equipment (PPE)

DAY 3

Fire Safety

- Introduction to fire chemistry
- Flammable and combustible liquid storage and handling
- Basic fire fighting
- Types and operation of Portable Fire Extinguishers

- Fire protection and alarm system

DAY 4

Working at Heights

- Categories of working at heights
- Fall Protection systems and Plans
- Fitment and Inspection
- Suspension Trauma
- Height Safety PPE
- Rescue planning
- Competent person

DAY 5

Emergency Planning and Response

- Emergency response plan
- Emergency escape procedures
- Major and minor scenarios
- Housekeeping and emergency
- Responsibilities of personnel