

Right First Time and Every Time.

Course details

Training in the field of Environmental sciences

Course aim is to guide trainees in regards to sought solution to environmental difficulties facing manufacturers in the field of water, waste and energy.

1) WATER

Objective:

- Knowing the water network from source withdrawal up to rejection after use and treatment.
- Knowhow on identification of technical anomalies during water treatment.

Contents:

- Drinking water issues
- Treatment of drinking water
- Treatment of wastewater
- Method of Analysis
- Treatment of sewage sludge

2) WASTE

Objectives:

Know and put in place selective sorting techniques, collection and recovery of waste-matter in a company.

Contents:

- Implementation of sorting and waste collection
- Techniques of composting
- The techniques of bio digestion.
- The recovery of waste.
- The management and treatment of hazardous waste.
- Case study

3) ENERGY: **Objectives:**

- Establishment of an indicator for energy appraisal in a company.
- Reduce energy consumption within a company

Contents:

- The sources of non-renewable energy.
- Renewable sources of energy.
- Calculating the carbon footprint of a company
- energy savings from thermal power.
- Energy savings from electrical origin.
- Case study.

Duration : each section 1,2 & 3 is of 5 half days.