

# In-situ Chemical Oxidation Injection Plant



## Chemical Injection Plant



This plant was designed to comply with European safety standards for the handling of Sodium Persulphate and associated activating chemicals.

- Automated dry powder feeding system comprising a vibrating hopper and auger. PLC controlled by powder weight
- Polyethylene feeder mixing tank equipped with level control system and automatic fresh water feed and stirrer
- Polyethylene tank for blending of activating chemical equipped with pH sensors and stirrer
- Sodium hydroxide storage bund with overflow sensor
- Sodium hydroxide dosing pump

- Bunded floor with PVC safety flooring
- Dust extraction system and filter for hopper
- Injection pump
- Additional storage container equipped with insulation, fan ventilation and temperature and smoke detection
- Down well pressure transducers to monitor water levels in injection wells

### Performance

- Discontinuous injection rates up to 1000 litres/hr