

SCOPE OF WORK FOR SUPPLY, INSTALL AND COMMISSION A ZIRCONIA INSITU OXYGEN GAS ANALYSER:

Description of product that needs to be provided –

Description	Qty
Supply, Install and Commission a Zirconia Insitu Oxygen Gas Analyser. The output of the analyser (4-20mA) signal must be connected to the current operating system for logging purposes	1

Specification of the required Insitu Zirconia Oxygen Combustion Gas Analyser to be supplied: The analysers should at least meet the minimum requirements below.

- Virtually instantaneous response on O₂%
- Probe length - 1m
- Integral thermocouple for automatic temperature compensation
- No sampling system required
- Automatic calibration functionality as standard
- Suitable for applications with temperatures up to 850 Deg C
- Must have a transmitter (IP66) that displays the O₂ concentration, the range must be 0-25% O₂
- System accuracy <+/-2% of the reading or 0.2%O₂, whichever is the greater
- Drift <+/-1% maximum % O₂ range (without calibration) but typically <+/-0.2%
- Power Supply – 240Vac
- Analogue Outputs – 4 to 20mA signals that will be connected to the PSCTF SCADA