Comparison of Air Quality Monitoring enclosures

A side-by-side comparison of an ET designed roadside station alongside a competitor's station.

Figure 1: An ET PR5 Professional Air Quality Monitoring Station

Figure 2: A competitor's Air Quality Monitoring Station

- Professional, neat and tidy build
- High quality fittings and fixtures
- Professional, safe and tidy electrics and wiring
- Optimal placement of PM10 monitor and NOx analyser
- Adequate air-conditioning unit, well positioned and
- ventilated
- Easy access to all instrumentation for all users and
- service providers
- Well designed and carefully planned layout
- A monitoring station that the supplier and customer can be proud of
- GRP construction, rust-proof, designed to last
- Defra MCERTS Approved PM10 monitor

- Untidy and haphazard layout
- Low quality fitting and fixtures, badly rusting in places
- Untidy wiring, restricted access to electrics (unsafe)
- Bad layout of instrumentation. Pump placed on top of TEOM sensor unit (large potential for vibration issues)
- Inadequate air-conditioning unit. Equipment likely to overheat in summer months.
- Poor access to instrumentation for users and service providers
- Poorly designed and poorly laid-out
- Evidence of rust, poor materials quality
- Non-Defra Approved, obsolete PM10 monitor

info@et.co.uk | +44 (0) 1453 733200 | www.et.co.uk