Your area is protected by a VESDA Aspirating Smoke Detection System. This system works by drawing air through a network of pipes to a detector. The air sample is then analyzed to identify whether or not there is smoke in the monitored area. If smoke is detected, a reaction will be seen on the detector’s display (if installed).

This leaflet is a guide to how your VESDA system works and explains the system’s basic functionality.

**Push Button Keys:**

- **Mode/Test (Dual Function)** - Selects modes on the numerical display i.e., sensitivity, smoke level, zone number. When depressed for more than 2 seconds it will perform a light test.
- **Silence** - Silences any alarm or fault warnings. It stops the lights from flashing to acknowledge a fault or alarm condition.
- **Reset** - Resets all the alarms and faults on the detector. Any remaining alarms or faults will be re-reported after time delays have elapsed.
- **Isolate** - Isolates the detector from any external devices or systems (an isolate alarm will normally be raised at the Fire Alarm Control Panel).

**Push Buttons Keys:**

- **Mode/Test (Dual Function)** - Selects modes on the numerical display i.e., sensitivity, smoke level, zone number, first alarm sector. If depressed for more than 2 seconds it will perform a light test.
- **Silence/Scan (Dual Function)** - Silences any alarm or fault warnings and stops any lights from flashing. When depressed for more than two seconds the Scan function is activated. The detector then scans each sector to determine smoke levels.
- **Reset** - Resets all the alarms and faults on the detector. Any remaining alarms or faults will be re-reported after time delays have elapsed.
- **Isolate** - Isolates the detector from any external devices or systems (an isolate alarm will normally be raised at the Fire Alarm Control Panel).

**IMPORTANT NOTE:**

This document is for general guidance only.

Your company’s fire procedures must take precedence.

**PLEASE NOTE:** There may be local variations in equipment, indications and procedures.
FIRE 2
This alarm indicates an EXTREMELY SERIOUS situation and will most likely lead to advanced fire prevention procedures. Automatic suppression systems may be activated. Evacuation procedures will also be initiated. Contact your Fire Warden and follow the instructions given to you.

Pipes and Sampling Points
The pipes and sampling points are crucial to the operation of your VESDA smoke detection system. They actively transport air from the protected area to the detector.

DO NOT cover, modify, paint or tamper with any smoke detection system sampling pipe or sampling point.

The following pictures show labels that are typically used to identify the VESDA system’s pipes and sampling points.

Need more information?
Visit www.xtralis.com to access information about the Xtralis VESDA smoke detector product range and our Design Guides.