



Oil & Gas

Aldermaston Weapons Establishment ACE Public Address & General Alarm System

Tyco Fire & Integrated Solutions Business Unit: Spector Lumenex, Nottingham

Scope of Work

Project management, detailed design (electrical and software), system manufacture, testing, installation and commissioning.

Scope of Supply

Various Spector Lumenex manufactured PAGA systems, including SDMS, ACE 100, ACE 4 & VA 400 Units, have been supplied and successfully integrated into the huge Aldermaston Weapons Establishment site during the last 20 years, and we continue to supply and commission PAGA systems to this present day.

Location of Project

Aldermaston, Reading, Berkshire, UK

Tyco Fire & Integrated Solutions Clients

Emcor, Balfour Kilpatrick, Wessex, Kier, ADT.

The Project

The equipment is designed for the broadcast of live speech and alarms initiated from the main access units or via the fire control panels which are situated around the complex. Audio is distributed via numerous 100 volt lines to loudspeakers positioned around this huge complex.

On-Site Projects include: Portland House, Orion Building, Gemini Office complex, Burghfield House. HEFF Building, Non-Metallics Building & NOA Building.

Further Information

AWE, the Atomic Weapons Establishment, has been central to the defence of the United Kingdom for more than 50 years and provides and maintains the warheads for the country's nuclear deterrent Trident.

Trident is a submarine-launched, inter-continental ballistic nuclear missile weapons system, carried by Royal Navy Vanguard-class submarines. The role at AWE is to manufacture and sustain the warheads for the Trident system, ensuring optimum safety and performance, but also to maintain a capability to produce a successor system should the Government require one in the future.

Work at AWE covers the entire life cycle of nuclear warheads; from initial concept, assessment and design, through to component manufacture and assembly, in-service support and finally decommissioning and disposal.



Spector Lumenex is the leading brand of communication systems designed and manufactured by Tyco Fire & Integrated Solutions. We are able to offer complete compliant solutions for wired communications that provide both operational and life safety systems for onshore and offshore installations and other challenging environments. Our range includes:

Public Address and Alarm (PA/GA) Systems:

- ACE 100, 4, 16 (explosion-proof & purged)
- Firephone 400
- VA400 for Public Address & Voice Alarm

Mentor Intercom Solutions:

- In-plant paging and alarm solutions
- Industrial intercom
- Platform intercom (Drillers intercom, Mustercom, Shout back)
- Fully integrated intercom solutions
- Office intercom

Field Equipment:

- Acoustic Hoods & Beacons
- Junction Boxes, Cabling & Installation Materials
- PABX & Telephone systems for Industrial or Hazardous Area Applications
- Xenon Warning Beacons
- Loudspeakers

For further information contact your local Tyco Fire & Integrated Solutions office on: tfis.marketing@tycoint.com for a brochure or visit our website at www.tycofis.co.uk

Alpens
01224 293500

Bridge of Don
01224 702711

Nottingham
01159 551199

Manchester
01614 554400

Dyce
01224 255900

Great Yarmouth
01493 440500

Norwich
01603 201201

Slough
01753 702350

tyco

Fire & Integrated
Solutions