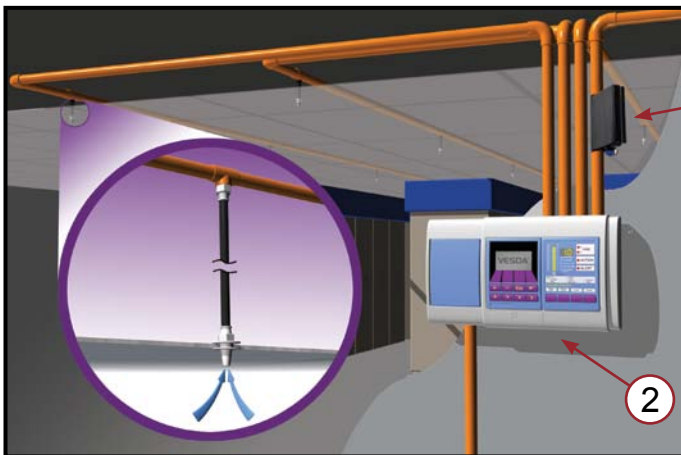


VESDA[®] ECO[™]

by  xtralis[®]

VESDA ECO Project Reference List

VESDA ECO gas detectors provide the industry with a new approach to gas detection by leveraging the aspirating sample pipe network of a VESDA aspirated smoke detection system to actively monitor for gas threats. It provides detection of flammable and toxic gases as well as oxygen deficient and enriched environments.



Air is actively drawn through a series of pipes and multiple sampling holes to the VESDA ECO gas detector (1) on route to the VESDA ASD (2).

Protects

- ✓ Plant/equipment
- ✓ Personnel safety

Detects

- ✓ Fire (smoke)
- ✓ Toxic gases
- ✓ Flammable gases
- ✓ Oxygen deficiency

Better performance

- ✓ Remove guess work from detector placement
- ✓ Greater area coverage

Lower total cost of ownership

- ✓ Lower initial install
- ✓ Lower long term operation

VESDA ECO gas detectors can provide a greater area of coverage and significant cost savings over conventional point smoke and gas detection solutions.

This reference list provides a sample of successful VESDA ECO gas detection applications and installations worldwide.

Full system design guidelines and support are available by contacting your local Xtralis representative or nominated channel partner.

www.xtralis.com

Europe

Client	Gas Threats	Applications
Al Ain	H ₂	Aerobatic hangar
AKSA - Dow Chemicals	NH ₃ , H ₂ , CO	Manufacturing
AT&T Birmingham	H ₂	IT Facilities/Data Centres
BAE	CH ₄	Gas fired boiler plant room
Beloyarskay Nuclear	H ₂	Archive and Storage
BeNPP	H ₂ , O ₂	Nuclear Power plant
British Gas	H ₂	Offshore battery charging room
Cannington Enterprises	CH ₄ , H ₂ S	Plant room housing bio digester gas fuelled, electricity generators
Carpathian Gas Co.	H ₂	Control Facility
Daisy Hill	CH ₄	Control Facility
Hotel	CO	Underground car park
IBM	H ₂	Battery room of UPS backup in data center
Infinis	CH ₄	Gas fueled electricity generator package
Interexion	O ₂	Oxygen monitoring of computer suite protected with gas fire extinguisant system
Marafiq	NH ₃ , Alcohols	Chemical Warehouse
McFarlan Smith	Alcohols	Solvent detecrion in pharmaceutical plant
Piraeus Port	CH ₄	Warehouse
Proctor and Gamble	CH ₄	Piped gas supply in corridor services ceiling void
Southern Electric Corporation	CO	Boiler flue gases in energy plant room
Wincanton Storage	CH ₄	Gas supply to roof-mounted space heaters
Luxury private residence	CO	Heating appliance combustion gases
Nuclear Power	CO ₂	Fuel storage cooling leakage
Poland Telecom	H ₂	Battery room protection
Saline Water Conversion Corporation	H ₂	Water treatment, Battery rooms

Asia Pacific

Client	Gas Threats	Applications
ABB	CH ₄	Control Facility
Adcock Ingrham	Alcohol	Pharmaceutical manufacturing/storage
Adelaide Poultry	NH ₃	Warehouse - Coldstore and Freezer
Alstom	H ₂ , O ₂	Hazardous and Dirty Environments
Ancor Packaging	H ₂ , O ₂	Control, IT and Telecom Facility
Aurora Ammonium Nitrate	NO ₂	Hazardous and Dirty Environments
Benco Energy	CH ₄	Power Distribution Facility
Cargill	NH ₃	Warehouse - Coldstore and Freezer
CTS- Pune	H ₂	IT Facilities/Data Centres
Delhi Museum	O ₂	Building
EA Ryde	CH ₄ , O ₂	Energy Production Facility
Equinix Data Center	H ₂	Battery room protection in data center
Exxaro	H ₂	Hazardous and Dirty Environments
Genesis Energy	CO	Energy Production Facility
Lincoln Port SA	CO, NO ₂ , SO ₂ , H ₂ S	Sulfur storage - Port bulk sulphur storage and distribution warehouse
Loy Yang Power Station	H ₂	Battery room
Mittal Steel	SO ₂	Underground tunnel
Queensland University	O ₂	Laboratory application detecting for inerting gas presence by reduced oxygen level
Sharepro Services	H ₂	
Swift Meat Works	NH ₃	Refrigeration plant in major food producer/ abattoir
Pharmaceutical Industry	Alcohol	Warehouse for cough medications

Americas

Client	Gas Threats	Applications
3 Rivers Ice Cream	NH ₃	Freezer Warehouse
Bell Canada	CH ₄	Garages and Yards - Maintenance Garage
Calgary Airport Runway Tunnel	CO, NO ₂	Traffic- Underground Structure
Camp Dawson	H ₂	Control Facility
Cane Hall	H ₂	Battery room
Catepillar Data Center	CH ₄	IT Facilities/Data Centres
Charbon House Hilton	H ₂ , O ₂	Internal Building
Dayton Superior	CO	Wire manufacturing
Discover Data Center	H ₂	Data Centre
DSI Datacenter	H ₂	
Dupont Fabros	H ₂	IT Facilities/Data Centres - Battery Rooms
Facebook Data Center	H ₂	IT Facilities/Data Centres
Four Winds Casino	CO	Large Open Space/Atria
High End Residential	CO	High End Residential
Lorraine Community College	CH ₄ , CO	Utility tunnel
Nucor Steel	O ₂	Steel Mill Tunnel
Ottawa City Train Yard	CO, NO ₂	Bus & Train Service Garage
Petrobras UTE	CH ₄	Gas fired power plant: turbine generator room
Prairie Farms	NH ₃	Dairy processing
Princeton University	CO	Rooftop Air Handling Unit
SSAB	O ₂	Steel Mill - Under furnace tunnel protection
Supperior Essex	CO	Gas fired annealing oven exhaust leak
T-Mobile	H ₂	Telecommunication center: UPS battery room
Toyota Technical Center	CO, O ₂	Engine test cells
University of Alberta	O ₂	Laboratory
National testing laboratory	H ₂	High-energy physics research laboratory
Semiconductor Tool Manufacturer	H ₂ , NH ₃	In-tool protection: MOCVD wafer fabrication
California Utility Company	H ₂ , O ₂	Hydro-electricity plant: control room, telephone room, battery room
Exotic Car storage Barn	CO	Internal Building
Distillery	Alcohol	Bottling line
Power Generation - TVA	CO	Analyzer building protection

This is only a partial reference list and more references will be added from time to time. If you have any query, please contact your local Xtralis representative.

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