

**HIMA-SELLA**

S A F E T Y   C O N T R O L   &   A U T O M A T I O N   S Y S T E M S

# Safety Systems



## References

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## Safety Systems - References

Client	Technology	Application
OCCIDENTAL	HIMA H51q & H41q	Fire & Gas System, post Mapping Survey PS1-K
LUCITE	HIMA H51q	Safety Instrument System, Monomer 8 Plant
CONOCO PHILLIPS	HIMA H51q & H41q	SPM Upgrade, Bantry Bay Terminal
OCCIDENTAL	HIMA HIMatrix	HIPPS for PS1, Qatar
OCCIDENTAL	HIMA H51q	Fire & Gas System PSI-K, Qatar
CEPHA CONTROLS	HIMA H41q	Burner Management System, Portugal
WOOD GROUP	HIMA Planar4 & HIMatrix	Overpressure protection TOTAL, St Fergus
INEOS	HIMA HIMatrix F35	Finnart Tankage Buncefield Upgrade
TYCO Flow Control	HIMA Planar4	HIPPS, Zakum West Complex, Abu Dhabi
Aibel AS	HIMA H41q	Mods to CAP & ESD, KEP project, Norway
Mokveld Valves	HIMA F35 & Planar4	HIPPS, St Fergus platform, North Sea
Vale, Europe	HIMA HIQuad H41q	ESD upgrades
EXXON/ESSO	HIMA H51Q & Planar4	Upgrade ESD to HIQuad and replace HIPPS Logic & Solver
J Murphy	HIMA H51q	Duplex HIPPS, Breagh Project
EXXON/ESSO	HIMA Planar4	HIPPS Logic & Replacement Logic Solver
EXXON/ESSO	HIMA HIMax	TI Replacement Project
PETROPLUS	HIMA H51q	IP 1836 fuel SIS upgrade
CONOCO PHILLIPS	HIMA Planar4	ESD upgrade to H4441 Furnace
SABIC UK	HIMA HIMatrix	SIS for Paraxylene storage protection
PETROPLUS	HIMA H51q	SIS for Flare gas recovery project
EXXON/ESSO	HIMA HIMatrix	Fire & Gas detection, UK refinery
LUCITE INTERNATIONAL	HIMA H51q	Trip & Alarm transfer DCS HMI Upgrade
AMEC	HIMA H51q	Breagh project, ESD hardware
JOHN BOYD ASSOCIATES	HIMA H51q	BMS modifications to JBA6316 Growhow Ammonia 4



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SABIC UK	HIMA HIMatrix	Tank overflow protection SIS Well 4
INEOS NITRILES	HIMA H51q	ESD for Process Air compressors
LUCITE INTERNATIONAL	HIMA H51q	ESD for MM7 'C' Amide reactor project, Billingham
K HOME ENGINEERING	HIMA HIMatrix	Billingham electrolyte plant ESD & HMI
VALE EUROPE	HIMA H41q	Unit 400-500 upgrade SIL2 ESD in swing frame
FOSTER WHEELER	HIMA HIMax	High integrity alarm system, UK refinery
SABIC UK	HIMA HIMatrix	WGEP pipeline 20off PES
SABIC UK	HIMA HIMatrix	Arthur Taylor jetty arm replacement, Teessport
EXXON/ESSO	HIMA Planar F	R2-C-201 ESD upgrade
GROWHOW	HIMA H51q	PES upgrade for WNA1 NOX Abatement project
NATIONAL GRID	HIMA HIMatrix	Bio-methane project ADNAMS AGI ESD system
AKER SOLUTIONS	HIMA HIMatrix	AGI 6 safety system build
TYCO (FRANCE)	HIMA H51q	HIPPS cabinets, separate controllers Mumbai High North Field
TYCO (FRANCE)	HIMA H51q	HIPPS systems ONGC B-193 process platform
TYCO (NORWAY)	HIMA H51q	HIPPS logic solver cabinets ONGC B-193 platform
GDF SUEZ	HIMA Planar F	New Planar F in a swing frame for inclusion in JB903
INEOS NITRILES	HIMA Planar F	ESD system 21SD01 modifications
GROWHOW	HIMA H51q	PES for WNA4 plant, Billingham
CRODA	HIMA H41q	PLC system configured and wired to 3m tails
NATIONAL GRID	HIMA HIMatrix	Mersey tunnel pipeline ESD
VALE INCO	HIMA H41q	Incinerator trip system PP plant, Clydach
SABIC UK	HIMA H41q	Jetty 2 ESD upgrade
PETROPLUS CORYTON	HIMA H51q	Safety Instrumented System for CBT Road Loading Facility (ESD)
PROJEN PLC	HIMA HIMatrix F20	Mayflower & Cattedown oil terminals ESD system
INEOS	HIMA HIMatrix	Docks Area Shutdown (DAS), Grangemouth





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JACOBS	HIMA Planar4	Solid state ESD for Atwick 2 wellhead configuration
AMEC	HIMA H51q	Unit 66 Bitumen & RES 1719/1755 upgrade
EXXON	HIMA HIMax	NPPLC910 Polygas & CCTV Gas Detection system
ROHM & HAAS Scotland	HIMA H51qE	Emergency Shutdown Systems for Grangemouth High Pressure Cleaning system
E.ON UK PLC	HIIMA H41q-HS	Replacement Emergency Shutdown Systems for Cottam gas pipeline
WHESSE O&G	HIMA H51q HS	AGI HIPPs Valve Shutdown PLC for Dragon LNG Import Terminal
EXCELERATE ENERGY	HIMA H41q-HS	Safety Instrument System for Mina Al-Ahmadi South Pier GasPort Project
MARLOW FOODS	HIMA HIMatrix	Hardwired Shutdown System for Quorn Plant
EMERSON PROCESS MANAGEMENT	HIMA H41/51q	Emergency Shutdown Systems for Milford Energy Cogen Project
SABIC UK	HIMA H41q-HS	Upgrade of Petroplus Jetty 1A ESD System Project
HONEYWELL	HIMA Planar 4	HIPPS system for PEARL GTL project, Qatar
DOPET	HIMA H41/51q	Process Control, ESD and Fire & Gas Systems for WOQOD LNG Bottling Plant
J RAY MCDERMOTT	HIMA H41/51q	CCR and LEM Beach Valve HiQuad Comms for Shell Pipelines (PEARL GTL Onshore) Project.
EUROTHERM	HIMA H41/51q	Emergency Shutdown Systems for Ajdovscina Gas Compressor Station, Slovenia
EXXON/ ESSO	HIMA HIMax	HIMax Gas Detection system for ESSO
STATOILHYDRO	HIMA systems	ESD, HIPPS and CAP for KEP 2010 project, Karsto
OCCIDENTAL	HIMA H51q	Emergency Shutdown System for PSI-R platform.





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BRITISH GAS – TUNISIA	HIMA H41q	HIPPS for Hannibal / Miskar Platforms
YOKOGAWA	HIMA H51q	Emergency Shutdown Systems for BP Yaraco Chongqing, China
JACOBS ENGINEERING (Grangemouth)	HIMA H41q	Emergency Shutdown Systems for RIGIDEX Plant at BP Chemicals, Grangemouth.
PCC Sterling	HIMA H51q	Programmable Burner Management System for Tengizchevroil Project.
INEOS CHLOR	HIMA H41q	Safety Instrument System for J Unit
SEBACORP Simon Carves	HIMA Planar4	Remote Shutdown Systems and Fast Loggers For Nanjing LDPE Plant, China
FOSTER WHEELER	HIMA Planar F	Solid state safeguarding system for Shell Stanlow.
TRANSCO	HIMA H41q	Bathgate Compressor Station. Fire & Gas system and mimics.
AMEC	HIMA H41q	Aberdeen 3 <sup>rd</sup> Compressor. ESD system
AMEC	HIMA Planar F	Wooler Compressor Station. ESD system
CONOCO LTD	HIMA Planar4	Solid state logic system for the Conoco clean fuels Project.
AGREVO	HIMA H41/51q	Programmable shutdown system and fire and gas Detection system.
AMEC PROCESS & ENERGY	Logic Panel	PLC for BP Coryton.
IRISH FERTILIZER INDUSTRIES	HIMA H 51q	PLC Emergency shutdown system for IFI Arklow.



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FARDUX LTD	HIMA H41q )	Two emergency shutdown systems for plant In Great Yarmouth.
FISHER ROSEMOUNT	HIMA H41/51q- HS	Three programmable emergency shutdown systems With Fisher Rosemount DCS for Syntex, Clitheroe.
KVAERNER	HIMA Planar F	Solid state Emergency Shutdown Systems for T9 and T10 PTA Plants at DuPont – Taiwan.
BROWN & ROOT	HIMA H51q	Emergency Shutdown System for Turret Riser on the Terra Nova FPSO.
ADMA-OPCO	HIMA Planar4 and A1	High Integrity Pressure Protection System for the Zakum Gas Injection Project – SIL2.
AKER-KVAERNER	HIMA H51q	Emergency Shutdown Systems for the new BMS Cruiserath Plant in Dublin.
AMEC	HIMA Planar F	Britannia, Compressor Over Pressure Protection System (OPPS)
MW KELLOGG	HIMA Planar F	Karsto Expansion Project – Increased I/O for Karsto Plant Emergency Shutdown Systems  KEP 2005 Additional ESD's and Interposing Relay Cabinets.
ESSO / EXXON	HIMA H51q	Safety Shutdown and Control Systems for FCCU Olefins at Fawley Refinery.
ABB INDUSTRI	HIMA Planar4 HIMA H51q	Emergency Shutdown and SIS for the Hammerfest (Snohvit) Project in Northern Norway.
ABB INDUSTRY PTE	HIMA H51q	Emergency Shutdown and Fire & Gas Detection Systems for Occidental PS1-K platform in Qatar.
TMR INTERNATIONAL	HIMA H51 PLC	Emergency shutdown and alarm. system for Volgograd refinery upgrade.
NORSK HYDRO	HIMA 'F' system	Shutdown systems for ammonia/nitric plant, Immingham.



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BP CHEMICALS	HIMA 'F' system	Emergency shutdown system utilising HIMA 'F' system on the A5 and other plants, BP Hull.
BP OIL	HIMA 'F' system	Emergency shutdown system for sphere and bullets protection and sulphur recovery units, BP Grangemouth.
BP CHEMICALS	HIMA 'F' system	Emergency shutdown system, Wilton.
COSTAIN	HIMA 'F' system	Solid state emergency shutdown system, Oman.
TULLOW UK GAS LIMITED	Emergency Shutdown	Emergency Shutdown panel for Knapton Power station.
BAILEY AUTOMATION plc	PLC Systems	PLC systems for Nitric 1 and Nitric 2 Stations at DuPont Wilton.
ICI CHEMICALS & POLYMERS	Replacement ESD	Replacement Emergency Shutdown System For Terra Nitrogen, Billingham.
BRUNNER MOND & Co	Decarbonator Trip	Decarbonator trip system for Winnington Power Station.
AMEC PROCESS & ENERGY	HIMA H51 system	Programmable shutdown system for bitumen control BP Coryton.
CRODA CHEMICALS	HIMA Planar 'F'	Solid state emergency shutdown system and Interlock system for Croda, Singapore
WORMALD ENGINEERING (TYCO)	HIMA H51q systems	Shutdown systems and PLC's for the Karachaganak Development Project.
INEOS ACRYLICS UK Ltd	Trip System	High level trip system through AMEC.
MOBIL OIL	HIMA H50/H51	CDU & CHD Interlock system.





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GASCO	HIMA H51	Fault tolerant sequencing PLC for de-bottlenecking plant.
BASF CHEMICALS	HIMA Planar 'F'	Shutdown/alarm system for Nitric Acid Plant.
COSTAIN/ENRON	HIMA Planar 'F'	Emergency shutdown system for Enron Gas.
BP CHEMICALS	HIMA H51 and Planar 'F'	Burner management and emergency shutdown system, BP Baglan Bay.
AMEC/ESSO	HIMA Planar'F'	Emergency shutdown and alarm annunciator system.
FOSTER WHEELER/ BP CHEMICALS	HIMA Planar'F'	Emergency shutdown with interface and auxiliary control panels for LLPDE Plant, BP Grangemouth.
SHELL UK LTD	HIMA H51q	Shell Haven CCR plant emergency shutdown system upgrade.
DAVY PROCESS TECHNOLOGY/SHELL	HIMA H51q	Fire & gas system.
JOHN BROWN/ THAPPLINE	HIMA H41/H51 Planar 'F'	Emergency shutdown HIPS and communications for Thai multi-products pipeline.
JOHN BROWN/ ENRON	HIMA Planar'F'	Emergency shutdown system for Enron TPP.
RALPH M PARSONS/ ESSO	HIMA Planar'F'	Emergency shutdown/mimic panel for ESSO.
RALPH M PARSONS/ ESSO	HIMA Planar'F'	Berth emergency shutdown system.

