



Ashvale Pty Ltd ACN 008 165 599 ABN 38 008 165 599 trading as:

INSTRUMENT INSTALLATION SERVICES



We make it happen !

COMPANY PROFILE AND CAPABILITIES



INSTRUMENT INSTALLATION SERVICES

Head office

Unit 9, 15 Fullarton Road
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COMPANY BACKGROUND

Instrument Installation Services (IIS) is a privately held Australian owned and operated company incorporated in South Australia in 1988

IIS is licensed and insured as an electrical contractor in South Australia, Northern Territory, Victoria, New South Wales and Queensland

IIS specialises in providing resources for the industrial instrumentation & electrical environment

These include a wide range of activities in the industrial construction, maintenance, shut downs and capital project execution. We have demonstrated we have the experience, the structure and the competent people required to achieve our Customer's highest expectations

Our focus is on providing the highest quality, productive services for the installation, commissioning, calibration and maintenance of instrumentation and electrical control systems

We provide these services across Australia

We have a range of Customers in both the public and private sectors and have developed a long standing relationship with a number of leading Australian companies

Our reputation is rated as best in class and second to none.

IIS also has an excellent reputation for providing Instrumentation and Electrical resources under Labour Hire arrangements to a variety of Customers

CORPORATE PHILOSOPHY

We seek excellence in all we do and have a committed focus to Customer Satisfaction, Health, Safety and the Environment, Employee Development and delivering Quality Outcomes for all Parties

Our values are based on compliance with our own business ethics and individual and team integrity

OUR MISSION

" To safely deliver quality services and product in accordance with the Customer's requirements and expectations, on schedule and within budget with due regard to the environment and all stakeholders "

CUSTOMER FOCUS

Through open and honest communications and doing what we say, we engender a relationship with our Customers based on mutual trust and integrity

We offer a wide range of tailored business agreements to meet our Customer's requirements, including performance based risk and reward relationships

Our focus is the health of the relationship with our Customers



AREAS OF EXPERTISE

Instrumentation

IIS provides specialised technical services that include:

- a range of pneumatic and electronic test equipment - all NATA certified
- repair and calibration of field instruments of any size or type
- specialist knowledge on industrial projects for material selection and procurement
- trained Instrument Technicians for installation, calibration, commissioning, fault identification and repair of Process Instrumentation across a variety of process industries
- ability to pre-fabricate large control packages on or off site
- high tech security, control and safety systems
- consultation and support with engineering for project design, and project management
- provision of Technicians for maintenance, installation and commissioning activities



Electrical

IIS are experienced with any scale of electrical services to include:

- trained & certified people for the installation and maintenance of electrical equipment in Hazardous Areas
- provision of Electricians for maintenance, installation and commissioning activities as required
- High Voltage Installation, to include distribution and control
- construction packages, rework and termination to include earth testing
- installations of cabling, supporting structures and control platforms
- problem identification, repair and recommendation for pro-active maintenance activities
- specialist knowledge on industrial projects for material selection and procurement
- construction, installation and commissioning of power generation equipment
- removal of redundant equipment and documentation of all phases of the project





Commissioning and Labour Hire Services

IIS is able to provide commissioning assistance on all size projects by:

- supplying Supervisors, Instrument Technicians and Electricians with the relevant industry experience and competencies
- having people with experience in the commissioning of Instrument & Electrical control systems in a diverse range of processes within any environment
- providing compliance documentation that is traceable to NATA standards
- training Customer personnel on operation and maintenance of installed equipment
- assisting the Customer in the development and schedule of maintenance routines
- Hazardous Area auditing and documentation

Calibration Services

IIS owns and operates a range of NATA traceable test and calibration equipment. We are able to deliver this equipment to a Customer's site and can also provide fully equipped portable workshops to provide a complete service on site

We also have the ability to scope, hire / deliver and operate required test and calibration equipment

Project Management

IIS can manage, engineer, build and operate Instrument and Electrical installations for our customers across a wide variety of environments

IIS is an experienced management team with expertise in the Instrument and Electrical field. We are able to interpret Customer's requirements and transform these into successful project outcomes

IIS can provide engineering and trade professionals to ensure all phases of a project are managed effectively, through sound measurement, monitoring, review and reporting practices

Remote Area work

IIS has considerable experience and expertise in the management of logistics and conducting business operations in remote areas. IIS has built a strong reputation on being able to respond to our Customer's requests in the areas of construction projects, shutdown activities and maintenance service in remote areas across Australia



Shutdowns

IIS have extensive experience in providing services in a shutdown team environment

These services include all areas of installation, completing project tie-ins, providing commissioning assistance and supporting ongoing testing and maintenance activities after the shutdown



OUR PEOPLE

IIS currently employ a large number of highly experienced and competent people including Project Managers, Supervisors, Estimators, Instrument Technicians, Instrument Fitters, Commissioning Technicians, Electricians and Trades assistants. IIS can also provide labour hire for these resources as required

IIS has always been committed to providing a pleasant and harmonious work environment which is conducive to maintaining outstanding workplace relationships. We believe our people make all the difference! They demonstrate our company values in every task they undertake

LICENSING AND INSURANCES

IIS is the holder of the following Licences:

- South Australia Electrical & Plumber-Gasfitter Contractor, Licence # 161921
- Victoria Electrical Contractor, Licence # 16963
- Queensland Electrical Contractors Licence #. 41327
- New South Wales Electrical Contractors Licence #. 183909C
- Northern Territory Electrical Contractors Licence # C2304



Our current insurance is a comprehensive Business policy through Jardine Lloyd Thompson which includes but is not limited to Public Liability to the amount of \$20M, motor vehicle insurance coverage, Customer material storage coverage and building and contents coverage

COMPANY FACILITIES AND EQUIPMENT

Facilities

The head office is located at Kent Town in Adelaide, South Australia and provides Administration, Project Management, Materials & Procurement, and Technical support services for all field operations

IIS has office and workshop facilities established in the Cooper Basin and at other project sites

We have the ability to mobilise both operating and administration facilities to any location in Australia

Where work conditions require, regional offices can be established to support large projects activities

Equipment

Fully equipped secure workshops as well as extensive material stores are available and can be located in regional areas. These facilities include an instrument calibration hut fitted out with all required NATA certified test equipment as well as any and all equipment that may be required to meet a Customer's expectations

IIS maintains a fleet of suitably equipped vehicles ranging from specialised medium duty trucks to standard general purpose 4x4 vehicles including light utilities and tray tops with cranes





BUSINESS MANAGEMENT SYSTEMS AND QUALITY ASSURANCE

We understand that a quality outcome is one of our Customer's primary expectations

All design, procurement, installation and testing is carried out in accordance with the requirements of the Customer's standard specifications

The purpose of the company Business Management System is to clearly define the Quality, Health, Safety and Environmental management strategies for corporate and project work locations of Instrument Installation Services

The manual and supporting controls provide the basis for implementation, monitoring and continuous improvement of our Business Management System that is consistent with the requirements of applicable legislation, Australian & New Zealand Standards aligned with AS/NZS ISO 9001, AS/NZS 4801, AS/NZS ISO 14001, Industry Codes of Practice and Customer expectations

IIS is committed to providing a secure, healthy, safe workplace with on-going training, competent supervision and safe plant and equipment

With active involvement by all personnel, the focus is to maintain a standard of Quality, Health, Safety and Environmental performance that is regarded as an industry benchmark and provide confidence to our Customers that Instrument Installation Services is committed to providing quality services within a safe, healthy and environmentally responsible workplace

We are proud of our safety record achieved in over 500,000 man hours in recent years

Safety within the workplace is our number one priority

VALUED RECENT CLIENTS & RELATIONSHIPS

AJ Lucas	O & G Solutions
Aker Kvaerner Australia	Orica Water Care
Arrow Energy	Origin Energy
Basell Australia	Ottoway Engineering
Beach Petroleum	Santos Ltd
Compass Group	SeaGas
Delco Australia	SheddenUhde
Diversified Constructions	Spie Capag Lucas
Flinders Power	Stuart Petroleum
Geotherm	Technip
GPA Engineering	Technip Oceania
Heathgate Resources	Thiess Kentz
Kellogg Brown & Root (KBR)	Transfield Services
MTU Detroit Diesel Australia	Vetco Aibel
NACAP	Xstrata
NT Automation & Controls	Yokogawa Australia



SIGNIFICANT PROJECTS

Customer: **Santos (Aker Kvaerner Aust P/L)**
Project: **ACE Project**
Value: \$4M

Date: 2003 - 2005
Location: Moomba, SA

The ACE Project was the replacement of the Moomba main process plant distributed computer control system. This involved significant upgrades to field substations, replacement of distributed control devices and field instrumentation, field electrical and control cabling with significant cutover and commissioning activities

Customer: **Technip Oceania Pty Ltd**
Project: **Otway Gas Project**
Value: \$2.2M

Date: 2006 - 2007
Location: Port Campbell, Vic

Provision of the Electrical resource to install the lighting on a new onshore gas production facility, including project management and supervision of up to 40 site electricians, including hazardous area compliance and documentation. Provision of commissioning support personnel for startup

Customer: **Diversified Construction**
Project: **Wellhead Services**
Value: ongoing

Date: 2004 - present
Location: Cooper Basin, SA

IIS provide the Instrument and Electrical resource to install the instrumentation on new wellheads in the field, upgrades to existing wellheads, installation of remote telemetry facilities, installation of wellhead jet pump facilities, corrosion injection pumps, instrument tubing and hazardous area documentation

Customer: **Origin Energy**
Project: **SeaGas Otway Metering Project**
Value: \$800K

Date: Oct – Feb 2006
Location: Port Campbell, Vic

Working as a Sub contractor to Ottoway Engineering, IIS provided the supply and installation of the Instrument and Electrical works for this project. This included the off site construction of skid instrumentation and control hut facilities, instrument tubing, hazardous area documentation and the installation of these facilities on site at Port Campbell, with commissioning assistance on completion of the site installation

Customer: **Santos**
Project: **Casino Onshore Facilities**
Value: \$400K

Date: Oct – Dec 2005
Location: Port Campbell, Vic

IIS provided the on site construction for the installation of the on shore Main Line Valve (MLV) and termination of the Offshore Umbilical cable and tubing. IIS provided the connection of all mains power, shutdown and control facilities for the MLV and hydraulic tubing for the offshore valves, all site earthing, lighting and communication cabling, instrument tubing and hazardous area documentation

Customer: **Basell Australia**
Project: **Basell Expansion Project, Shell Refinery**
Value: \$2.1M

Date: Jan - June 2006
Location: Geelong, Vic

Providing resources to Shedden Uhde, IIS supplied the Instrument and Electrical resources and supervision for the expansion project. This involved field instrumentation, site lighting, tanker load out facilities, substation upgrade and motor cabling, tower instrumentation and electrical facilities, instrument tubing and hazardous area documentation





Customer: **Delco Australia / Arrow Energy**
Project: **Tipton West Development**
Value: \$1.0M

Date: Aug 2006 - Feb 2007
Location: Dalby, Qld

IIS supplied the Instrument and Electrical resources and supervision to Delco for the new compressor station instrumentation and electrical works. This involved skid instrumentation, compressor instrumentation, control hut installation and cabling, site earthing and lighting, instrumentation installations and hazardous area documentation

Customer: **NT Automation and Controls**
Project: **Compass Resources Processing Plant**
Value: \$3.5M

Date: June 2007 – July 2008
Location: Batchelor, NT

IIS provided the Instrument and Electrical resources and supervision for the Brown Gold processing plant instrumentation and electrical works installation. This involved field cabling and supports, control room cabling, site earthing and lighting, instrument tubing and hazardous area documentation

Customer: **Thiess Kentz**
Project: **Project Magnet I/E Construction**
Value: \$800K

Date: Oct 2006– Aug 2007
Location: Whyalla, SA

IIS provided the Instrument and Electrical resources and supervision for Project Magnet at the Onesteel, Steel Works at Whyalla. IIS worked in conjunction with other providers to install and commission electrical and instrumentation equipment

Customer: **Flinders Power**
Project: **Coal Feeder Upgrade**
Value: \$220K

Date: Jan – May 2008
Location: Port Augusta, SA

IIS provided the Instrument and Electrical resources and materials for the essential drives project at the Pt Augusta Power Station. The work was carried out during normal daily operations

Customer: **Origin Energy**
Project: **Compressors 3 & 4 Installation**
Value: \$120K

Date: Jan – May 2008
Location: Spring Gully, Roma, Qld

IIS provided the Instrument and Electrical resources and supervision for the installation of new Compressors 3 & 4 at the Spring Gully facility. This involved field cabling and supports, control room cabling, site earthing and lighting, instrument tubing and hazardous area documentation

Customer: **Downer EDI Engineering**
Project: **Woodside LNG Train 5**
Value: \$1.8M

Date: Nov 2007 – July 2008
Location: Karratha, WA

IIS provided up to 25 Instrument Technicians and Hazardous Area competent Electricians for the hazardous area QA inspection process and pre commissioning checks for the project

Customer: **Origin Energy**
Project: **Compressors 5 & TEG Unit 2 Installation**
Value: \$190K

Date: May – July 2008
Location: Spring Gully, Roma, Qld

IIS provided the Instrument and Electrical resources and supervision for the installation of new Compressor 5 and TEG Unit 2 at the Spring Gully facility. This involved field cabling and supports, control room cabling, site earthing and lighting, instrument tubing and hazardous area documentation



Customer: **Epic / Energyworks**
Project: **Wallumbilla Compressors Installation**
Value: \$1.3M

Date: Oct – Dec 2008
Location: Wallumbilla, Qld

IIS provided the Instrument and Electrical resources and supervision for the installation of three new Compressors at the Wallumbilla facility. This involved field cabling and supports, control room cabling, site earthing and lighting, instrument tubing and hazardous area documentation

Customer: **APA / Gasnet**
Project: **Quarantine Power Station Metering**
Value: \$320K

Date: Sept – Dec 2008
Location: Torrens Island, SA

IIS provided the Instrument and Electrical resources and supervision for the installation of new metering, gas regulation facility for the gas supply to the Quarantine Power Station in Adelaide, SA. This involved field cabling and supports, control room cabling, site earthing and lighting, instrument tubing, hazardous area documentation, etc for flow and pressure control skids, water bath heaters, gas conditioning and Quarantine Power Station receiving skids

Customer: **NACAP Australia**
Project: **QSN Link Pipeline**
Value: \$500K

Date: Sept 2008 – Jan 2009
Location: Moomba To Ballera, SA and Qld

IIS provided the Instrument and Electrical resources to install and commission the end of line and mid line facilities for the pipeline. This included the supply of control hut buildings, station underground earthing cabling and SS tubing for metering runs, pressure and flow control skids, shutdown valves and cathodic protection systems

Customer: **Arrow Energy / Delco Australia**
Project: **Daandine Gas Plant**
Value: \$900K

Date: Jan – April 2009
Location: Dalby, Qld

IIS provided the Instrument and Electrical resources and supervision for the installation of the new Gas Compressor Station at Daandine at Dalby in Queensland. The new station comprised 7 compressors, new control room, and associated field equipment. Work comprised compressor re-assembly and testing, field instrumentation and electrical equipment installation, lighting and hazardous area documentation, pre commissioning etc

Customer: **AJ Lucas**
Project: **Mortlake Pipeline Facilities**
Value: \$55K

Date: May – Aug 2009
Location: Mortlake, Vic

IIS provided the Instrument and Electrical resources to install and commission the end of line and mid line facilities for the pipeline. This included the cabling and SS tubing for the MLV, Otway valve station and the Mortlake end of line facilities, hazardous area installations and inspection documentation

Customer: **Santos**
Project: **Patricia Baleen Gas Plant**
Value: \$5.8M

Date: Dec 2008 – June 2009
Location: Orbest, Vic

IIS provided the Instrument and Electrical resources and supervision for the installation of the Patricia Baleen Gas Plant upgrade. The work comprised modifications to the control room, new field equipment, compressor reassembly and testing, field instrumentation and electrical equipment installation, lighting and hazardous area documentation and commissioning assistance. The workforce peaked at 50 people including, electrical, instrument techs, instrument tube fitters, site management and supervision.

The majority of the workforce were hazardous area qualified





Customer:	GPA Engineering / Origin Energy	Date:	June – Sept 2009
Project:	Inst Tubing Upgrades & Hazardous Area Wiring and Equipment Upgrades	Location:	Urinquinty Power Station
Value:	\$180K		Wagga Wagga, NSW

Repairs and improvements to Instrumentation SS tubing to improve operations and enable easier operation and isolation of equipment. Rectification of existing electrical wiring and equipment located in electrical Hazardous Areas, to bring the installation to conform to current Australian Standards.

Modifications were conducted whilst maintaining unit operating availability as a peaking generating station

Customer:	GPA Engineering / SA Water	Date:	Nov 2009 - present
Project:	Christies Beach Water Treatment Plant Upgrade	Location:	Christies Beach, SA
Value:	\$1.3M		

IIS is continuing to work with GPA to install the instrumentation equipment for the water treatment plant upgrade at Christies Beach Water Treatment Plant. This involves installing instrument transmitters and field devices, field cabling and switches and assisting in the pre-commissioning and commissioning of equipment and systems with the GPA Engineers

Customer:	Yokogawa Australia / AGL	Date:	Nov 2009 – present scheduled completion during 2011
Project:	Torrens Island Power Station Instrument Upgrade	Location:	Torrens Island, SA
Value:	\$6.2M		

IIS is working with Yokogawa to replace the process control system for the Torrens Island Power Station. This extensive project involves the replacement of the main process computer system and I/O devices and cabinets, along with extensive field wiring, equipment and interface devices. IIS will be completing all field work, cabling, instrument and electrical installations and equipment installations during normal operations with cutover and commissioning services during unit shutdowns, in conjunction with the Yokogawa Project Team

CONTACT US

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