



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

INSTRUMENT INSTALLATION SERVICES

HEAD OFFICE

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South Australia

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COMPANY PROFILE AND CAPABILITIES



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, NSW 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 client'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 right across Australia.

We have a range of clients 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 Clients.

CORPORATE PHILOSOPHY

We seek excellence in all we do and have a committed focus to Customer Satisfaction, Health-Safety-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 Client's requirements and expectations, on schedule and within budget with due regard to the environment and all stakeholders “

CLIENTS

Through open and honest communications and doing what we say, we engender a relationship with our clients based on mutual trust and integrity. We offer a wide range of customised business agreements to meet our client's requirements, including performance based risk and reward relationships.

We believe the health of the relationship with our clients is our highest priority.



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 as required



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
- Provide documentation that is traceable to NATA standards
- Training client personnel on operation and maintenance of all installed equipment
- Assisting the client 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 client'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 client'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 client'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 effective 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
- NSW, Electrical Contractors Licence #. 183909C
- NT, 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, client material storage coverage and building and contents coverage.

COMPANY FACILITIES AND EQUIPMENT

Facilities

The head office is located at Ottoway in Adelaide 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 mobilize both operating and administration facilities to any location in Australia. Where work conditions require, regional offices can be located to support large projects activities.

Equipment

Fully equipped and secure workshops and extensive material stores are available and can be located in our regional centres. 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 client's expectations.



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

BUSINESS MANAGEMENT SYSTEMS AND QUALITY ASSURANCE

Our company understands 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 client's standard specifications. Our Management System documentation supports the highest standards within the industry and meets the requirements of our client's and applicable legislation, Australian & New Zealand Standards aligned with ISO 9000, ISO 14001, AS 4801 and Industry Codes of practice.

IIS is committed to providing a secure, healthy, safe workplace with on-going training, competent Supervision and safe plant and equipment. Our Management Systems, Procedures, Practices and Processes are constantly monitored to ensure continuous improvement in the provision of services and product.

We are proud of our safety record achieved in over 500,000 man hours in recent years. **Safety** is our number one priority.

VALUED RECENT CLIENTS & RELATIONSHIPS

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





Recent SUCCESSFUL PROJECTS

Client:	Santos (Aker Kvaerner Aust P/L)	Date:	03 - 05
Project description	ACE Project	Location:	Moomba SA
Project value:	\$4M		

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

Client:	Technip Oceania Pty Ltd	Date:	06 / 07
Project description	Otway Gas Project	Location:	Port Campbell Vic
Project value:	\$2.2M		

Services provided: Provide 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.

Client:	Diversified Construction	Date:	Ongoing
Project description	Wellhead Services	Location:	Cooper Basin SA
Project value:	Ongoing		

Services provided: 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, hazardous area documentation etc

Client:	Origin Energy	Date:	Oct – Feb 06
Project description	SeaGas Otway Metering Project	Location:	Port Campbell. Vic
Project value:	\$800K		

Services provided: 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. Commissioning assistance on completion.

Client:	Santos	Date:	Oct- Dec 05
Project description	Casino Onshore Facilities	Location:	Port Campbell. Vic
Project value:	\$400K		

Services provided: 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, hazardous area documentation.



Client: **Basell Australia** Date: Jan - June 06
Project description Basell Expansion Project, Shell Refinery. Location: Geelong
Project value: \$2.1M

Services provided: Providing resources to Shedden Uhde, IIS provided 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, hazardous area documentation etc.

Client: **Delco Australia / Arrow Energy** Date: August 06 - Feb 07
Project description Tipton West Development Project. Location: Dalby QLD
Project value: \$1.0M

Services provided: Providing resources to Delco, IIS provided the Instrument and Electrical resources and Supervision for the new compressor station I/E works. This involved skid instrumentation, compressor instrumentation, Control hut installation and cabling, site earthing and lighting, instrumentation installations, hazardous area documentation etc.

Client: **NT Automation And Controls** Date: June 07 – July 08
Project description Compass Resources Processing Plant. Location: Batchelor, NT
Project value: \$3.5M

Services provided: IIS provided the Instrument and Electrical resources and Supervision for the Brown Gold processing plant I/E works installation. This involved field cabling and supports, Control room cabling, site earthing and lighting, instrument tubing, hazardous area documentation etc.

Client: **Thiess Kentz** Date: October 06– Aug 07
Project description Project Magnet I/E Construction. Location: Whyalla, SA
Project value: \$800K

Services provided: IIS provided the Instrument and Electrical resources and I/E Supervision for the Project Magnet project at the Onesteel, Steel works at Whyalla in South Australia. IIS worked in conjunction with other resources to install and commission electrical and instrumentation equipment for this project.

Client: **Flinders Power** Date: January 08 – May 08
Project description Coal Feeder upgrade. Location: Port Pirie, SA
Project value: \$220K

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



Client: **Origin Energy** Date: January 08 – May 08
Project description: Compressors 3 & 4 Installation. Location: Spring Gully, Roma
Project value: \$120K

Services provided: IIS provided the Instrument and Electrical resources and Supervision for the Installation of new Compressor 3 & 4 at the Spring Gully facility. This involved field cabling and supports, Control room cabling, site earthing and lighting, instrument tubing, hazardous area documentation etc.

Client: **Downer EDI Engineering** Date: Nov 07 – July 08
Project description: Woodside LNG Train 5. Location: Karrutha - WA
Project value: \$1.8M

Services provided: IIS provided the Instrument Technicians and Hazardous Area competent Electricians for the .hazardous area QA inspection process, and pre commissioning checks for this project. Up to 25 personnel on hire to Downer for this project.

Client: **Origin Energy** Date: May 08 – July 08
Project description: Compressors 5 & TEG Unit 2 Installation. Location: Spring Gully, Roma
Project value: \$190K

Services provided: 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, hazardous area documentation etc.

Client: **Epic** Date: Oct 08 – Dec 08
Project description: Wallumbulla Compressors Installation. Location: Wallumbulla, Qld
Project value: \$500K

Services provided:

IIS will provide the Instrument and Electrical resources and Supervision for the Installation of new three new Compressors at the Wallumbulla facility. This involved field cabling and supports, Control room cabling, site earthing and lighting, instrument tubing, hazardous area documentation etc.

Client: **APA / Gasnet** Date: Sept 08 – Dec 08
Project description: Quarantine Power Station Metering. Location: Torrens Island, Adelaide
Project value: \$320K

Services provided: IIS will provide 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.