

# Mitra SK Services in South Australia

## Excellence in Testing, Inspection & Certification



Mitra SK is a global leader in the Independent Testing, Inspection and Certification industry, with a significant footprint in Australia. With an office and state-of-the-art laboratory with an office and laboratory in Gladstone. Quality testing is undertaken in our state-of-the-art laboratory. Global tracking and information systems add to the service edge.

Mitra SK is known for quality TIC services across Africa, serving industries like Mining | Steel | Power | Cement | Metal Smelting | Fertilizer

MSK also undertakes exploration jobs across Africa for government and private mining industries.

### MSK Footprint in Australia



### Australia

Mitra SK Australia was established in 2013 with a focus on Coal analysis and superintending services. An office was established to support the superintending services of bulk cargo of coal and iron ore which were being shipped to China and India.

In 2014, with the rapid expansion of the coal industry in Queensland, Mitra SK acquired a stake in Preplab Testing Services Pty Ltd. The acquisition brought Mitra SK 25 years of experience in the fields of bore core preparation and quality analysis, as well as coal preparation plant quality control and production quality monitoring.

Now renamed Mitra PTS Pty Ltd and a wholly owned subsidiary, the coal testing laboratory group.

### Laboratory

The Mitra PTS laboratory group is NATA accredited for its coal laboratories. It operates facilities in Rockhampton (NATA Accreditation No 16994) and Gladstone (NATA Accreditation No 14525), with the capability of performing both, Physical Testing and Chemical Testing

### Physical Testing Laboratory:

- Crushing, sample division (RSD) and milling
- Sample preparation (drop shatter, wet & dry drum tumble)
- Apparent Relative Density
- Size analysis (wet and dry sizing capability)
- Washability analysis
- Froth Flotation analysis
- Bulk Density determination
- Hardgrove Grindability Index

### Chemical Laboratory:

- Total Moisture determination
- Proximate analysis
- Total Sulfur determination (IR method)
- Ultimate analysis
- Gross Calorific Value analysis
- Crucible Swelling Number
- Gieseler plastometer determination
- Dilatometer determination
- Gray-King Coke Type
- Ash Fusion temperatures
- Relative Density determination

### Services

Mitra PTS offers cargo superintending, witnessing and 3rd party analysis services for coal, coke, iron ore and other commodities throughout Australia.

We also have the experience and capability to set up and operate on-site laboratory services upon request. These services are currently available in Central Queensland and surrounding areas.

The Mitra SK team comprises of experienced personnel, technocrats and commodity experts. Regular internal proficiency tests are conducted at our facilities, to maintain a workforce that can deliver accurate and timely results consistently.

We provide round-the-clock sampling and supervision services for vessel/ container/ truck loading and unloading jobs. Our preparation facilities are located in Agadir and Casablanca.

Our proprietary integrated Information systems for online vessel tracking and real-time monitoring generate accurate customer reports 24x7. Uninterrupted photographic insights are provided to the customers through our IT systems.

### Operational Capabilities

We have state-of-the-art laboratories, strategically located to serve our clients effectively.

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Equipped with cutting-edge technology, we ensure precise and reliable testing across various parameters, from chemical analyses to environmental monitoring, meeting all industry standards.

Laboratory outsourcing and Port Services using proprietary IT apps with advanced online dashboards for real-time monitoring and data access.

**Use of advanced technology:** Utilizing drones for precise stack analysis and industrial inspections.

**Training on best practices and latest guidelines:** Educating samplers and supervisors to maintain the highest standards of accuracy.

### Quality Management

Safety and compliance are our top priority for quality assurance & consistency. We conduct daily instrument and equipment checklists, calibration and maintenance controls to ensure the highest standards are met.

Our laboratories are accredited to the highest standards.



### Contact:

#### Australia Office

Mitra PTS Pty Ltd

13 Bush Crescent, Parkhurst QLD 4702  
Australia

General Manager: **Stuart England**

Contact No: [+61749362977](tel:+61749362977)

Email: [australia@mitrask.com](mailto:australia@mitrask.com)

#### Laboratory

Gladstone Laboratory

9 Beckinsale Street, Gladstone, QLD  
4680, Australia

Laboratory Operation Manager

**Ms. Kathy Surmon**

Contact No: [+61749724288](tel:+61749724288)

#### Corporate Office:

Mitra S.K. Private Limited

Shrachi Centre, 5th Floor, 74B, Acharya  
Jagadish Chandra Bose Road, Kolkata -  
700016, West Bengal, India

[Info@mitrask.com](mailto:Info@mitrask.com)

**+91 33 4014 3000**

For more details:

[www.mitrask.com](http://www.mitrask.com)

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