



# Southern Engineering Services Pty Ltd

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## Innovative and Sustainable Solutions

### A capability statement for Southern Engineering Services Pty Ltd

#### In brief

Southern Engineering Services Pty Ltd's role in the steel, mining, chemical, construction, water treatment, power generation and general engineering industries is to respond to our client's need for products and vital technical support services. We deal internationally to give our clients timely expert engineering solutions and technical advice and we concentrate on delivering products and support services promptly and precisely to our client's wishes.

Starting over 60 years ago, SES strives to be proactive and forward thinking for the benefit of its clients, by growing its product lines - often ahead of the industries its serves - and producing innovative engineering solutions. For our clients, this means they can count on SES's quality performance

- as a collaborator in their plans for the future
- as a backup in the field to assess existing assets
- to turn up and do something when equipment is losing performance or breaking down
- being driven by our client's profitability and productivity requirements
- complying with our client's industry safety standards and environmental policies.

By dealing with Southern Engineering Services, our clients have confidence in our sustainable best work practice standards, standards so high that they have rewarded us with long standing relationships with companies such as Bluescope Steel and BHP Billiton.

#### What do we do?

Clients can target and access SES products, engineering solutions and services by contacting one of SES's six divisions:

- **Bearings and Power Transmission**
- **Mining and Industrial Equipment**
- **Process Engineering Equipment**
- **Pumps**
- **Linear Bearings**
- **Lubrication**

Within each division, clients are dealing with SES's skilled and experienced people and, where needs are technically complex, SES's industry experts provide Clients with engineering expertise and backup.



## **Bearings and Power Transmission**

As well as being one of the largest bearing supply houses in Australia, the Bearings and Power Transmission division also designs, manufactures, services and repairs gearboxes. These range from small geared motor units to the very largest gears and gearboxes used by Australian industry.

Complimenting the gearbox business, SES also stocks an extensive range of flexible couplings and supplies all manner of fluid coupling.

Developments in the field of rare earth permanent magnets enable SES to supply the very latest in soft start and torque overload protection couplings.

Workshops servicing the whole of Australia carry out refurbishment and rebuild services for gearboxes, couplings and universal shafts.

SES owns Newvale Engineering Pty Ltd which manufactures gears up to 1m diameter and provides a vital service supplying gears for gearbox rebuilds.

Services include:

- Design and supply of gearboxes for all applications
- Bearing solutions for applications ranging from 8m slew rings to miniature bearings
- Complete drive systems for conveyors, grinding mills, apron feeders, pump drives and more
- Pulleys, idlers and other components for conveyors
- Design, manufacture and supply of gearboxes to be dimensionally interchangeable with obsolete units
- White metal bearings
- Supply of open gearing up to 13m diameter.

## **Mining and Industrial Equipment**

The Mining and Industrial Equipment division is one of the powerhouses of the SES Group.

With a solid base manufacturing and providing equipment for underground mining operations, including the design and manufacture of longwall shearer drums, the division can also engineer and supply a wide range of materials handling, crushing and screening machines.

The Mining and Industrial Equipment division specialises in the design, manufacture, on-site service and repair of high pressure water hydraulic units for both the industrial and mining sectors.



This division supplies:

- High pressure underground water pumping stations
- German engineered and manufactured conveying chains
- Flow control equipment
- Mining safety boots
- Underground safety equipment
- Crushing and screening equipment
- Repair of underground mining vehicles
- Steel fabrications.

### **Process Engineering Equipment**

The Process Engineering Equipment division brings the latest technology and services to highly specialised industries, including companies involved in steel production, developing crane applications, rail clamp and brake systems, waste water and process air, mining pelletising equipment, vibrating feeders and materials handling.

This division supplies:

- Xtek mill drives, gears, crane wheels & sheaves
- Oleo industrial hydraulic buffers & railway stops
- Johnson brakes and rail clamps
- Vibra Screw bin actuators & feeders
- Mars Agglomeration systems
- Sarclad continuous caster condition monitors
- Akers forged and cast rolls
- Multistage centrifugal blowers and exhausters

### **Pumps**

Driven by SES's experience with gearboxes and other rotating machinery, SES progressed to the design, supply and repair of pumps.

All products supplied are backed up by experienced personnel who can carry out installation and commissioning as well as on-site servicing.

This division provides services for:

- All types of centrifugal pumps
- Gear pumps
- Diaphragm pumps
- Lobe pumps
- Slurry pumps
- Plunger pumps
- Submersible pumps
- Vertical pumps



## **Linear Bearings**

In January 2008 Linear Bearings Pty Ltd became part of the SES Group. Now known as SES Linear Bearings the acquisition gave SES an Australia wide and New Zealand presence.

Linear Bearings is Australia's first company specialising in linear motion and control.

This division provides engineering design services and supplies:

- Round shaft and profile rail linear systems
- Modular slide units
- Ball screws and screw actuators
- Aluminium profile building systems
- Ball transfer units
- Brakes and clutches
- Servo control systems
- Rod ends and spherical bearings
- Gearheads & Index drives

## **Lubrication**

The newest division in the SES Group is dedicated to providing a complete service for all types of lubrication applications.

This division supplies:

- GreaseMax single point grease applicators
- Multi point greasing systems
- Oil supply systems including filtration and cooling
- Bearing monitoring
- Oil analysis

### **Quality Assurance**

All divisions and branches have, or are working towards getting, a quality assurance programme that complies with the requirements of ISO 9001:2008.

### **What products do we distribute?**

Find out what SES brands, products, services and solutions might interest you by checking the attached SES Agency List 2010.

### **Where do we do it?**

You can find your closest Southern Engineering Services Group operating in the following locations:

#### **HEAD OFFICE**

- ✓ Wollongong NSW

#### **QLD**

- ✓ Townsville
- ✓ Gladstone



- ✓ Emerald
- ✓ Brisbane

#### **NSW**

- ✓ Newcastle
- ✓ Cardiff
- ✓ Muswellbrook
- ✓ Sydney
- ✓ Wollongong (six locations)

#### **VIC**

- ✓ Melbourne

#### **SA**

- ✓ Adelaide

#### **WA**

- ✓ Perth (two locations)
- ✓ Kalgoorlie

#### **New Zealand**

- ✓ Auckland

#### **Brief company history and outlook:**

Looking back to the post-war 1950's, Wollongong NSW was roaring ahead as a highly prosperous producer of coal and steel, with its own purpose built port facility at Port Kembla. Manufacturing giants such as Lysaghts Works Pty Ltd and Australian Iron and Steel Pty Ltd brought the world economy to the doorstep of this small city south of Sydney, forming the mainstay of the local economy and providing honest work for good people. It was in this productive mining and manufacturing setting that SES opened its doors for business, initially providing a niche service in the supply of bearings, transmission and general engineering products to the major industries in the area. Success led to expansions into the Hunter Valley NSW coal producing area and later a move into the Bowen Basin area in Queensland. Looking for greater diversification, in 2008 SES acquired Linear Bearings Pty Ltd in Australia and New Zealand and driving its own growth potential, SES increased its repair and refurbishing facilities from NSW to the whole of Australia.

Today, SES has a significant presence wherever there is mining or engineering projects in Australia, New Zealand and the Pacific regions. SES seeks out quality products and businesses available for acquisition. With each step toward the future, SES works towards providing clients with better, newer and more cost effective engineering products, solutions and services.

#### **Need more information?**

Visit our website at [www.sesgroup.com.au](http://www.sesgroup.com.au) or telephone (02) 4283 9100.

Attach **SES AGENCY LIST 2010**