



# ANALYTICAL SERVICES FLUID HANDLING AND MINING SUPPORT



Set Point Industrial Technology (Pty) Ltd operates as a diversified industrial group offering analytical services, fluid handling and manufacturing support services, primarily to the mining and engineering sectors. We serve the African economy, mainly because of our location, but have through our reputation developed on-going relationships within a wider International community.

### The Set Point group is focused on three core activities

**Analytical Services** Services provided by the analytical divisions range from providing oil and fuel analysis, reference materials to gauge assay precision, analysis of chemical samples including gold, precious metals, water, coal, uranium and rare earths. We also have the expertise to set up and run underground, on-site and mobile facilities.

**Fluid Handling** Supplying cutting-edge technological products and services to the petrochemical, waste water, construction, food and mining industries, including pumps, valves, couplings and flow meters. The Letaba Group, Pneumax and Meter Systems provide these services.

**Mining Support** Manufacturers of hopper and locomotive wheels, skip and cage guides and rollers, RENG and North West GoPro also provide servicing and repair operations.



#### ANALYTICAL SERVICES



#### FLUID HANDLING



#### MINING SUPPORT





WearCheck is the leading condition monitoring company in Africa, serving the mining, earthmoving, industrial, transport, shipping, aircraft and electrical industries through the scientific analysis of **used oil, vibration analysis and infrared thermography** from mechanical and electrical systems. Additional services include the analysis of fuels, transformer oils, coolants, greases and filters.

WearCheck's operation network in South Africa expands to Isando, Pinetown, Middelburg and Steelpoort, Cape Town, Port Elizabeth and Rustenburg with international operations in **India, Dubai, Ghana and Zambia** - at Lumwana mine and Kitwe - **Zimbabwe, Mozambique and Namibia**.

WearCheck is the only oil analysis company in Africa with **ISO 9001** quality certification & **ISO 14001** certification for their environmental management programme, & **ISO 17025** accreditation for a laboratory centric quality management programme. WearCheck is also certified by Lloyds of London, Paris-based Bureau Veritas (shipping) & Honeywell (aircraft engines).

They have been awarded preferred supplier status by several Original Equipment Manufacturers (OEMs); and, along with global partners, are the laboratory of choice for a number of lubricant suppliers. WearCheck also has a partnership with ABB Limited, Zurich - a global leader in power and automation technologies. These partnerships are in line with worldwide trends in outsourcing specialist services.

Continued investment in new technology has ensured that all equipment in the laboratories is state-of-the-art, which rivals and often surpasses its local and international counterparts. All laboratories are largely automated and integrated with the latest information technology.

Although WearCheck do not provide an onsite oil purification service, they own and operate an oil regeneration plant, supplying SABS 555-compliant regenerated oil, suitable for use in transformers. WearCheck's Oil regeneration process restores the old transformer oil by removing sludge and by-products of the degradation process and other soluble oil decay. This is in response to a market need for regenerated oil.

The addition of a new dimension to traditional predictive maintenance services has transformed WearCheck into a complete one-stop condition monitoring destination. Our Reliability Services division conducts scientific vibration and thermography analysis and a host of related services such as structural resonance, motor current analysis, ultrasonic measurements and other highly specialised technology that helps boost the lifespan of machinery and keep it operating at optimal levels.

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Set Point Laboratories are **ISO 17025** accredited chemical analytical laboratories. The laboratories employ highly qualified and motivated chemists who operate in world class analytical facilities, thereby offering fully comprehensive and professional testing services.

Set Point Laboratories is certified by the National Nuclear Regulator, authorising handling of radioactive isotope bearing ores.

Industries and sectors we serve include:

- Mining, Geological and Exploration
- Water
- Environmental
- Industrial

We offer testing on:

- Platinum Group Metals and Gold
- Base Metals
- Light Elements
- Uranium and Rare Earths
- Coal
- Water

Various analytical techniques include:

- X-Ray Fluorescence Spectroscopy (XRF)
- X-Ray Diffraction (XRD)
- Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES)
- Inductively Coupled Plasma Mass Spectroscopy (ICP-MS)
- LECO, UV-VIS, Calorific Value and other instrumental techniques
- Wet Chemical Analytical techniques such as titrimetry and gravimetry
- Water techniques such as photometric, Electrometric, Colorimetric, Nephelometric and Enzyme Substrate (microbiological) tests.

Set Point Laboratories have facilities in South Africa, Botswana, Gabon and Mozambique and are expanding their footprint into Africa, with services offered ranging from full testing laboratories to setting up and operating on-site and mobile laboratories which require specific expertise and experience.

Outsourcing mine-site laboratories, allows the client to focus on their core competencies while ensuring that the analytical data received is accurate and consistent. Set Point Laboratories ensures that all on-site laboratories established meet the clients specific requirements and that these laboratories are managed and operated with the same levels of quality and efficiency as their commercial laboratories. This service provides clients with high quality, reliable, quick analytical data at their fingertips.

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### African Mineral Standards

AMIS is an ISO 9001:2008 certified producer and global supplier of matrix-matched Certified Reference Materials; for the mining, exploration and geochemical laboratory industries.

### Products

- AMIS standards are samples with known grades
- independently validated by numerous laboratories;
- certified by an independent geochemist;
- used to verify the accuracy and precision of assay results from mineral laboratories;
- also for analytical method development;
- and for laboratory equipment calibration.

The AMIS range of Certified Reference Materials (also referred to as CRM's or standards) represent a wide variety of different types of ores, rocks, soils and concentrates; including gold, platinum, copper, nickel, zinc, chrome, iron, manganese, rare earth and uranium ores.

Grades range from parts per billion trace elements to high percentage concentrates.

AMIS standards are made according to ISO Guides 30 to 35; from natural materials ranging from surface or underground rock samples, soils, sample pulp residues, coarse sample reject material and drill samples.

The use of AMIS standards will result in savings in laboratory and process management costs.

### Technical Ability

- AMIS has a proven production capability and a global reputation for quality products.
- AMIS products are made from raw materials sourced from 6 continents and are used in over 60 countries.
- Customers include the biggest global mining companies and commercial laboratory chains.



TÜVRheinland®  
**CERT**  
ISO 9001

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RENG and North West GoPro, have a wealth of experience in the mining support industry. Through relationship building efforts, quality products and undertaking to understand its customers' needs, RengGo have solidified their position as the market leaders of the underground rolling-stock and locomotive industry.

RENG, situated in Rustenburg, represents a manufacturing base concentrating mainly on the assembly and repair of Hopper and Loco Wheels and services.

North West GoPro, situated in Stilfontein, focuses on the manufacturing and assembly of Skip and cage guide roller brackets and assembly of hopper coupling buffers. The facility also offers repair services and serves as a manufacturing support facility of hopper wheels for RENG. GoPro's unique products and service features have enabled GoPro to service, in addition to the surrounding mines, an increasing international customer base in Australia, Canada, USA and the African Market.

Their customer-focus ensures that developments are on-going, such as the acquisition of a new steel fabrication facility in the Klerksdorp region that specialises in customised steel fabrication related to mining activities, to provide a full-service offering to its customers.

An engineering workshop is also located in Kitwe, Zambia, on the same premises as Set Point Zambia. The **ISO 9001:2008** Quality Accreditation for both RENG and GoPro (TÜV Rheinland®) assures customers of best quality, efficiency and customer satisfaction while strengthening customer commitment by implementing foundations for continuous improvement.

RengGo – the only way to keep your wheels rolling!



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## METER SYSTEMS

Meter Systems specialises in supplying equipment suited for:

- The transfer, dispensing, measuring and usage control of almost any fluid of large or small quantities
- Bulk fluid flow measurement and control (for storage and transportation)
- Lubrication and fuelling equipment for garage workshops, mining, construction, agricultural and industrial sectors
- Cryogenic gas measurement for bulk transportation

Meter Systems' products can be found in use in the **petrochemical, mining, lubrication, garage equipment, agricultural, heavy duty industrial, processing, transportation and logistics** industries.

Meter Systems have built up an enviable reputation over the past 30 years and are agents for a number of well-known and respected product brands such as Piusi and RAASM, to name a few.

Products supplied include flow meters digital, mechanical, and analogue type, air operated, hand and electrical AC/DC pumps for fuels, oils and greases, manual and automatic oil, diesel and fuel dispensing nozzles, hoses and hose reels for air, water, diesel oil and grease, drainers, dispensers and controlled systems for monitoring usage of fluid dispensed, bulk fluid loading arms, folding stairs, vehicle lifts and a range of spares and accessories.

The company provides calibration and equipment testing and repair services and have **BS SANS:344:2005** certification for the measurement of cryogenic gas and liquid CO<sub>2</sub>.

Meter Systems' head office is in Johannesburg, South Africa. However we also have branches in Durban, Cape Town and Port Elizabeth and a satellite office in Zambia.

Meter Systems is a company that is continually evolving to meet the ever changing needs for customers by providing solutions that go "Beyond the Flow".



Meters Systems has been a PEI member since 1992

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FLUID HANDLING







Pneumax have built a solid reputation as one of the leaders in the pneumatic and automation fields, offering innovative, modern, reliable products. The company is well positioned and capable of satisfying every pneumatic product and service requirement.

Established in 1987, Pneumax has developed an enviable industry reputation over the years. The Head Office is situated in Modderfontein, Johannesburg, with branches in Durban, Pretoria, Cape Town, Port Elizabeth and a satellite office in Zambia. Agents and distributors of products are appointed in all major cities in South Africa.

Products offered by Pneumax include, amongst others, air preparation units, air management devices such as a range of solenoid valves, actuators, handling equipment, linear and rotary actuators, dust collector valves, fittings and tubing. In addition to the extensive Pneumax product range, various reputable international brands are on offer.

Pneumax supply imperial mine cylinders and rail change cylinder devices to mines on the African continent.

Service offerings include repairs to pneumatic cylinders and actuators and the manufacture of special functioning pneumatic cylinders. Pneumatic Training is offered to industrial and manufacturing companies as well as educational institutions.



**merSETA**  
MANUFACTURING, ENGINEERING  
AND RELATED SERVICES SETA

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# LETABA

G R O U P

The Letaba Group operates a number of divisions including:

- Letaba Industrial Pumps
- Letaba Dewatering
- Brubin Pumps
- Tuscany Pumps

## LETABA

INDUSTRIAL PUMPS  
incorporating Rogene Pumps

Letaba Industrial Pumps specialises in the supply of Wilden air operated double diaphragm pumps, the Almatec brand, as well as the Neptune brand in Southern Africa.

Whilst operating from a position of strength through extensive expertise in the pumping industry, the exceptional service and support it receives from its world-class agencies play an integral part in their success.

Letaba Industrial Pumps boasts extensive stockholding at its warehouse facility and distribution is supported via an experienced national dealer network. Letaba Industrial Pumps covers all aspects of maintenance, installation, process applications and pump selection. Operating in the chemical, pharmaceutical, food manufacturing and mining industries.

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FLUID HANDLING





# LETABA DEWATERING

Letaba Dewatering continues to build on its reputation for professional execution of water transfer needs to construction, earthmoving, mining and industrial clients. This reputation is founded on the experience and expertise of the team and a proven track record of excellence, innovation and delivery.

The company concentrates on two major areas of business, namely **HIRE** and **RESALE** of their product range.

The internationally reputed pump brands featured in the Letaba Dewatering and Rental ranges are: **Wilden**, **Varisco**, **Sakuragawa**, **Hydropompe**, **Madoda** and the **SME slurry pumps** amongst others.

Responding to a market need for economic alternatives, Letaba Dewatering established its rental division and are renowned for the largest fleet of pumps for hire in Southern Africa, with branches in Johannesburg, Steelpoort, Port Elizabeth and Rustenburg. The rental division have a dedicated range of pumps for various applications ranging from pumping nuisance water to the most formidable water pumping challenges – and are available to tend to customers 24 hours a day, 365 days a year.



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Brubin Pumps, backed by M Pumps and CDR from Italy, has established itself as Southern African market leader in the manufacture and supply of the MagFlo Magnetic Drive pumps, providing **Environmentally Friendly** and **Safe** pumping solutions.

Brubin also services the waste water industry with the AllPrime self-priming pumps, Vogelsang lobe pumps and macerators, and the Sondex PX submersible pumps. The Pumpex drainage submersible pumps, the PEMO slurry pumps, Brubin's own robust BA Hose pumps and the Kasai submersible pumps complete the products tailored for the mining and mineral process industries.

Brubin boasts an **ISO 9001:2008** accreditation, laying the foundations for a proud history of providing technical expertise backed by superior quality products to assist with difficult or hazardous pumping applications.

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## TUSCANY

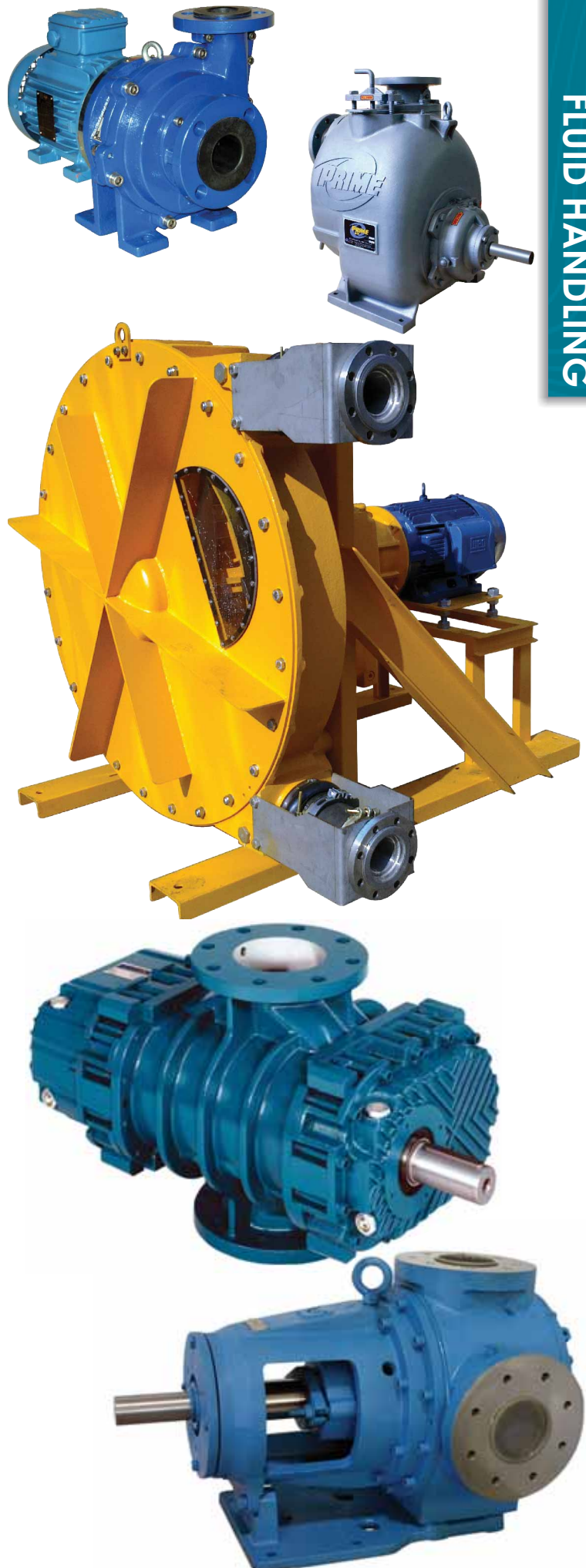
P U M P S

Tuscany specialises in the supply of Blowers, Vacuum Pumps, Gear Pumps, Mag-Drive Pumps, Centrifugal, and Drum Pumps, representing product principles Robuschi, Tuthill, Cutes and Petroland.

All the principles enforce the stringent **ISO 9001** standards, and have established procedures to assure product consistency through all aspects of their manufacturing processes. Tuscany's after sales and repair services provide our customers with peace of mind.

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## Our Vision

Set Point strives to be acknowledged as the leading Southern African company, providing world class product and support services to the industrial, energy, resource and associated sectors of the economy.

## Mission Statement

To create value for our stakeholders and provide an environment that enables, inspires, empowers and rewards employees, and benefits our customers and the communities in which we operate.



HARNESSING DIVERSITY – DISCIPLINED EXCELLENCE

PROVIDING WORLD CLASS PRODUCT AND SUPPORT SERVICES TO  
THE INDUSTRIAL, ENERGY, RESOURCE & ASSOCIATED SECTORS

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