

ALCHEMY HEAVY METALS (PVT) LTD



**Enhancing the National Economy
Through Value Addition to the
Nation's Earth Resources....**

COPORATE PROFILE

Who are we.....



Alchemy Heavy Metals (Private) Limited, a Sri Lankan company that engages in mining, processing and trading of mineral sands. We are currently engaged in processing ilmenite, Rutile, Zircon, Garnet, Quartz and Mica for export markets across the world. Quality of products, timely delivery and long term customer relationships had been the success of our company. We own virgin mines identified for the future.

Being a leading mineral based company in Sri Lanka we are very keen to produce value added products from our country's minerals. We are a Board of Investment approved heavy mineral processing and a trading company with our plant at Dambulla with an investment of over Rs.250million in year 2003. Further, we are in the process of setting up a Synthetic Rutile Plant in Sri Lanka, a flagship venture with an intention of expanding it to a Titanium Dioxide Plant.

Our philosophy in mineral exploitation practice acknowledges the ground reality that mineral sand is a non-renewable commodity. Hence making the best to our nation and the local economy is our priority complying to all rules and regulations locally and internationally.

Alchemy Heavy Metals (Private) Limited recognizes that extraction and processing of the earth's mineral resources must be accomplished in a manner that minimizes impacts on the environment and the community. The Company believes that stewardship with proper concern for the environment is an essential element of a successful business venture. We have taken a further step by introducing green energy to our plant by having a 1MW solar plant at the factory.

What we want to do.....



PURPOSE

CREATE CONSIDERABLE VALUE FOR MINERALS BY MEETING OUR CUSTOMERS' NEEDS

VISION

"To be a Srilankan company pioneering the value addition to minerals"

MISSION

"To uplift the industry that brings about benefits to the all our stakeholders and to the nation"



Our Values



One Team

- The safety and wellbeing of our people is at the forefront of all that we do.
- We work together to achieve the best results for our people, clients and key stakeholders.
- We care for, respect, and invest in our people, the environment and the communities in which we operate.

High Performing

- We achieve exceptional results through a disciplined and professional approach.
- We plan and take ownership of our areas of responsibility.
- We always deliver, and that sets us apart.

Entrepreneurial

- We empower our people to challenge the status quo and actively explore new ideas and opportunities in mining and related business.
- We look for better ways to mitigate risk, deliver on commitments, and create long term value.
- We recognize, support and harness the diverse talents of our people and partners.

Business Overview



ALCAMEY HEAVY METALS (PVT.) LTD has been dynamic in its trade in Exploring, Mining, Value Adding and Exporting minerals that have contributed to uplift Sri Lanka's economy by way of earning considerable foreign exchange to the country and employing tradesmen and professionals to the industry.

The company continues to explore avenues to upgrade the industry making use of country's human resources and taking care of environmental concerns. It endeavors to be pioneer in the industry whilst maintaining eco-friendly atmosphere.

Continuously improving knowledge and know-how, abilities and skills the company envisages the broader vistas of global market.



Corporate Information



Company Details	Alchemy Heavy Metals (Pvt) Ltd
Head office Address	No. 124, Maya Avenue, Colombo 06, Sri Lanka
Factory Address	No. 153 A, Kandalama Road, Dambulla
Contact	+94 117 220092/3 (General inquiry) +94 777 544445 (Sales inquiry) +94 112 081941 (Fax)
E- Mail	info@miramaminerals.com
Website	www.miramaminerals.com
Board of Directors	Mr. Eng N. Ekanayake Mr. T.L.M. Imtiaz Mr. Kumara Wijeyamuni Mr. M.N.M. Fahim
Management Team	Mr. M S S Zuhri – General Manager Mr. M H A Kamil – Manager, Sales & Export Mr. R Jassin – Group HR Manager Mr. T. S. Adassuriya – Accountan Mr. Hijas Suhair – Group Strategic Development Manger

People & Accreditation



The company is technically focused with many highly experienced innovative professionals, both local and overseas. Its existing manufacturing technology and processes were all developed within the company and are continually monitored.

The company's corporate objectives include development of further new and improved products through new technologies that envisage lower cost of production.

The Company enjoys the following accreditation facilities that portrays company's professionalism and viability in the sector:

- Environmental Protection License from the Central Environmental Authority, Sri Lanka
- Mineral Trading License from the Geological Survey & Mines Burea
- Trading Licenses from the Local Authorities



Product Portfolio



Ilmenite is the titanium-iron oxide mineral. It is a weakly magnetic black or steel-gray solid. Ilmenite is the primary ore of titanium metal. Small amounts of titanium combined with certain metals will produce durable, high-strength, light-weight alloys. These alloys are used to manufacture a wide variety of high performance parts and tools. Examples include: aircraft parts, artificial joints for humans, and sporting equipment such as bicycle frames.



Zircon is an opaque, hard wearing, inert mineral. It is primarily used in the production of ceramic tiles while other applications include use in refractories and foundry casting. It is also used in a growing array of specialty applications as zirconia and zirconium chemicals, including in nuclear fuel rods, catalytic fuel converters and in water and air purification systems.

Garnet is the general name given to a group of complex silicate minerals with similar crystalline structures and diverse chemical compositions. The major industrial uses of garnet were waterjet cutting, abrasive blasting media, water filtration granules, and abrasive powders. Waterjet cutter produces a high-pressure jet of water with entrained abrasive granules. When these are directed at a piece of metal, ceramic, or stone, a cutting action can occur that produces very little dust and cuts at a low temperature.



Rutile, the most abundant of three naturally occurring forms of titanium dioxide (TiO_2). It forms red to reddish brown, hard, brilliant metallic, slender crystals, often completely surrounded by other minerals. Rutile is a commercially important titanium mineral, although most titanium dioxide is produced from Ilmenite. Rutile has minor uses, such as in porcelain and glass manufacturing as a colouring agent and in making some steels and copper alloys. Rutile is also used as a gem, but artificial rutile produced by the flame-fusion (Verneuil) process is superior to natural crystals for gem use.





Alchemy Heavy Metals (Pvt) Ltd is a member of a Group of Companies which are engaged in the automobiles industry, mineral processing, gem export, ceramic and hospitality industry in Sri Lanka.

Having invested substantially, **ALCHEMY HEAVY METALS** has evolved as a leading player in Sri Lanka's Mineral Industry. It has set up a BOI approved Heavy Mineral Processing Plant at Dambulla with an investment of over Rs. 250 million. The Group has also purchased a stock of 150,000 metric tones (mt) of crude zircon from Lanka Mineral Sands Ltd valued in excess of Rs. 1,660 million.

Equipped with adequate resources, AHM is already in possession of a successful marketing strategy. It has positioned itself well internationally to market any mineral sand product at the right price and now will be supported by Technical Partners who are global leaders in the international market of value-added mineral sands products, serving over 3000 customers in over 40 countries.



Globally Acknowledged Conglomerate