SCAW ZAMBIA LIMITED,
Manufacturers of Grinding Media,
Castings & Industrial Gases (Oxygen and Acetylene).

STEEL & IRON Founders
One Of The Largest Grinding Media Foundry In Zambia
SCAW Limited was founded in 1960; we are one of the largest foundries in Central Africa with a workforce of 500+ employees. We have a production capacity of 30,000 tons of cast grinding media, 18,000 tons of forged balls, 12,000 tons of mill balls and 1,800 tons of other castings per annum.

PRODUCT PORTFOLIO

1. High Chrome Grinding Media.
2. Forged Ball Grinding Media.
5. Machining and Fabrication Services.
SCAW produces 125mm hammer forged mill balls. These are mainly used in SAG mills during the grinding of ore.

We also produce high chrome grinding media with 11% to 14% & 15% to 17% Cr in 35mm to 100mm diameter, which are used for grinding ore. We also manufacture 27% Cr mill balls. All our mill balls are manufactured under strict quality control procedures, which include optical emission metal analysis for achieving the desired chemical composition, hardness, and microstructure. The high chrome balls are hardened, (oil or air quenched) and tempered so as to achieve the best microstructure within the metal, which makes it tough and wear resistant in comparison to ordinary low chrome mill balls.

SCAW’s current grand total mill ball capacity is 30,000 tpa.
SCAW has set up one of the largest infrastructure to produce various grades of castings, which meet international standards. SCAW has over 20,000 patterns built over the last 50 years for almost all parts of the plant used by KCM, Mopani, and other mining and mine related industries.

We also produce castings in low and high alloy steels including austenitic manganese steel, white CI (cast iron), and grey CI and other low and high alloy CI up to 3.5MT single piece weight.
Modern equipment include a PLC (Programmable Logic Controller) controlled Wesman Tempering Heat Treatment furnace.

Some of the fast-moving castings are rod and ball mill liners, primary and secondary jaw crusher liners, wheels, trunnion liners, bend pipes, base plates, stack base liners etc.
Our production capacity is 150 metric tonnes per month.
INDUSTRIAL GASES: OXYGEN AND ACETYLENE

We are able to produce 10,000 oxygen gas cylinders per month at a filling pressure of 150 bars and purity of 99.5%. Cylinder capacity is 10.69 kg.

We have our acetylene gas production capacity of 900 cylinders per month with each cylinder holding 6.689 kg and a filling pressure of 22 bars at 99.7% purity.

COMPANY VISION
To be recognized by our clients and stakeholders as leaders in the manufacture of high quality Grinding Media, Casting Products, and Industrial Gases which are tailored to meet or exceed customer expectations and international standards.

MISSION STATEMENT
To be the most preferred provider of high quality grinding media and Iron & Steel castings in Zambia, as well as in the Central and Southern African market region.

QUALITY CONTROL
SCAW Limited’s Quality policy and Objectives are anchored by an effective and maintained Quality Management System (ISO 9001:2015) certified by BSI since 2018. The Quality Management System has been a tool used to support continual improvement to meet and exceed customers’ needs and expectations.
Our stringent quality control procedures and processes ensure minimum defects in our products, which meet stringent international standards.

To attain the above quality objectives, SCAW has installed state of the art quality control laboratory equipment such as:

- Optical Emission Spectrometer Metal Analyzer.
- Brinell and Rockwell testing machines.
- Metallurgical Microscope.
- 400 kN Universal Testing Machine (tensile testing & bend testing).
- Dye Penetrant and Magnetic Particle Inspection non-destructive test methods, etc.

The Largest Grinding Media Foundry in Zambia

P.O. Box 20418, KITWE, ZAMBIA.

PLOT 1316 DR. AGERY AVE., INDUSTRIAL AREA,
KITWE, ZAMBIA.

TEL: +260 212 213946/213541  FAX: +260 212215432

EMAIL: sales@scawzltd.com
Web: www.scawzltd.com