



REFLECT
REFRACTORY
SPECIALISTS

Past Projects

No	Year	Plant	Furnace Technology	Service Scope	Country	Commodity
1	2021	SPMP	Rotary Kiln and Offgas system	Redesign refractory design for the kiln and offgas system to before cyclones to achieve low heat losses Installation support through QA/QC and design support during installation	Oman	Sb/Au
2	2021	Tharisa	DC Furnace	Design refractory lining excluding the roof with furnace design company	South Africa	PGM's
3	2022	SPMP	Rotary Kiln and Offgas system	Redesign refractory design for the kiln and offgas system to after cyclones to achieve low heat losses and improve refractory integrity in offgas area Management of supply of refractories and ancillaries (anchors, boards, insulation) Installation support through QA/QC and design support during installation	Oman	Sb/Au
4	2022	RayTech	Electric Arc Furnace	Refractory design and review of taphole design for a copper slag cleaning furnace in Vietnam	Vietnam	Copper
5	2022	Komoto Copper	Sulphur burner unit	Third party inspection from demolition to installation of sulphur plant which included inspecting of new refractory materials, reviewing bricking practices, expansion compliance and monolithic installation.	DRC	Copper
6	2023	Richards Bay Minerals	ZTP Reactor	Lining installed moved. contacted to assist with a recovery plan	South Africa	Ilmenite
7	Various	RMS	Refractories for AAP, Fry's, Rand Refinery, Pt Vale Indonesia, Kansanshi Copper	QA/QC of refractory products prior to client third party inspections	South Africa	Various
8	Various	Various	Refractory brick and precast	Conduct non destructive acoustic testwork to determine internal defects and CCS of brick	South Africa	Various
9	2024	Mopani Copper	ISA Smelt and MSEF	QA/QC for a complete reline of the ISA Smelt furnace and matte settling furnace.	Zambia	Copper
10	2024/2025	Kamoa Copper SARL	Direct to blister flash furnace, MSEF, 3x Anode Furnaces	QA/QC for a complete greenfield project	DRC	Copper
11	2025	Glencore Lion	SAF	QA/QC of full reline of FeCr SAF	South Africa	FeCr
12	2025	Sibanye Stillwater Marik	Tenova EAF	QA/QC of full reline of Tenova EAF	South Africa	PGM's
13	2025	Richards Bay Minerals	Hatch 6 in line EAF	QA/QC of full reline	South Africa	Ilmenite