



Plant Auditing and Review

VBKOM's multiskilled team and experienced associates, offer solutions across the value chain from exploration to final mineral recovery. VBKOM's metallurgical consulting services focus on optimising the extraction of minerals, identifying niche markets and supplying independent, fit-for-purpose solutions to maximise value for the client.

The plant audit can be seen as a management tool to indicate an operation's strengths, weaknesses, risks and opportunities that can, and should, be used as a directional guideline to improve plant performance. A plant audit or review assesses the metallurgical plant performance against planned performance indicators; these indicators are vital from a risk management perspective and allow a more focused and goal-driven approach to identifying improvement opportunities.

The VBKOM Solution

VBKOM understands the importance of regular plant audits and the potential return on investment these audits can have on the sustainability and success of a plant. Our team can assist with or manage plant audits based on each clients' specific objectives, their unique conditions and production profile.

VBKOM has the capability to audit the following:

- Plant Production audits
- Metal accounting audits (in compliance with ISO standards and AMIRA P754 Code of Practice for Metal Accounting)

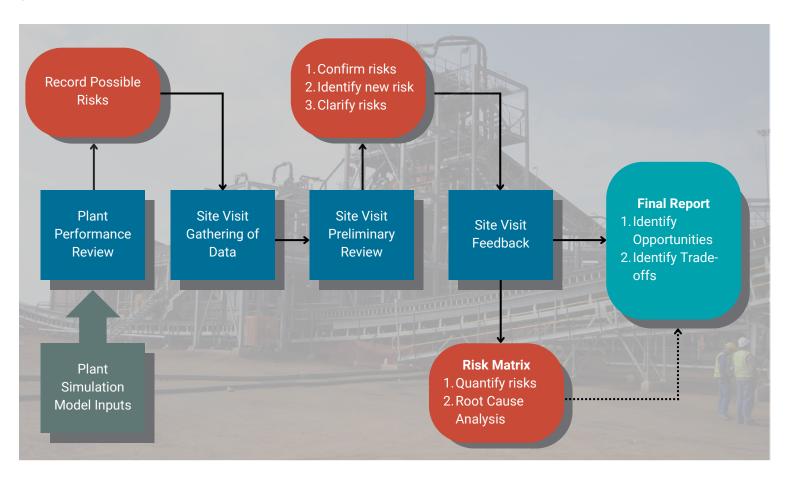




VBKOM's Approach to Plant Auditing and Review

VBKOM's experienced metallurgical team strive to:

- Identify operational performance and compliance related risks that threaten planned targets
- Identify value-add opportunities for increased throughput or reduce operating costs (continuous process optimisation)
- Offer advise and support to clients to maintain compliance with ongoing regulations, standards, and exercise effective governance
- Assist in troubleshooting/debottlenecking



Expected results from a successful plant audit

The following outputs can be generated from a successful plant audit:

- Simulations models for all processing plants
- Risk matrix, quantifying and prioritising risks to identify improvement projects
- Option analysis to optimise output and product qualities



Our Value Proposition

VBKOM is a provider of innovative business and technical consulting services and solutions for the mining and capital-intensive industries. We challenge ourselves to apply fresh thinking and to utilise our experience and technology in pioneering new ways to deliver forward-thinking solutions.

We offer complete multi-disciplinary economic studies for blue-chip mining houses, junior miners and financial institutions across the full range of mineral commodities. Due to VBKOM's diverse pool of expertise, we can offer our clients specialised skills within a one-stop-shop culture. Our engineering, risk, and project management capabilities as well as simulation and decision support expertise, make us an ideal partner to the mining, petrochemical, agricultural, and construction industries.

Our focus on long-term client relationships combined with our technical skills ensures that our clients can fully optimise their value chain.

At VBKOM the quality of our work is guided by a simple philosophy - our success is driven only by the success of our clients and the achievement of our professionals. By using cutting-edge technology and the most advanced computer modelling systems on the market our technical expertise comes unrivalled. Our capacity and continuity have earned us the trust of some of the world's most prestigious mineral resource companies. By staying true to our core values; by utilizing our vast project-specific experience and qualifications; along with applying proven world-class methodologies and processes the VBKOM team is a dynamic, flexible and innovative team with a track record standing as solid proof of our competitive edge in our field.

VBKOM has been successful in providing solutions of an independent nature to a range of clients in the mining industry. Our consultants have developed a good understanding of the needs and opportunities of both open pit and underground studies and operations and we look forward to adding value to your company. We believe that independent consultants can provide optimal solutions to the Client without any risk of providing a solution with an inherent conflict of interest. The VBKOM strategy is to form part of the owner's team to define and protect the owner's interest within our area of influence and control. VBKOM is committed to adding value to each client through innovative, practical, and trustworthy engineering solutions.

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