

Arrie Van Niekirk

Partner – Theory of Constraints Specialist



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CAREER OVERVIEW

Arrie van Niekirk is a specialist Facilitator of the TOC (Theory of Constraints) in mining. Over the past 18 years, Arrie has been the project leader for the implementation of TOC in more than 80 mines and 15 manufacturing companies.

Over the past two decades, Arrie has developed a specialist derivative of TOC for the mining industry, called TOC Production Flow for Mining. This approach is producing remarkable improvements in many mining companies.

Arrie is a recognised expert in the application of all the TOC subjects and applications and is an experienced Process Facilitator of TOC and Change Management. Arrie designs and develops unique solutions for enhanced production flow lines in manufacturing and fabrication facilities. Arrie is adept at facilitating and developing improvement processes. Arrie is also a skilled facilitator of Open Dialogue as an enabling process.

QUALIFICATIONS

- Bachelor of Engineering Hons (Metal), University of Pretoria
- Completed MDP at University of Pretoria
- Trained as a Jonah (TOC Implementation Specialist), and later upgraded as a Jonah-Jonah
- Certified in the following TOC-based technologies: TOC for Production, Distribution and Logistics (Buffer Management), Project Execution, Accounting approach (Throughput accounting), TOC market solutions and making unrefuseable offers for sales, TOC Thinking Processes (Jonah Courses), Management Skills Workshops and TOC Methodology for Making Good Decisions

CAREER HIGHLIGHTS

- Previously, General Manager of Iscor Research and Development and Works Manager of Iscor Refractories in Olifantsfontein.
- Recognised as a specialist practitioner of TOC in the mining industry.
- TOC implementations have ranged from improving existing operations to the development of layout and flow models for new mines.
- Improvements of up to 40% increase in output have been achieved from his implementations. Often achieved in collaboration with other specialists, including Callie Roos on leadership and teamwork and Arien van der Walt on Rapid Results.
- Has successfully applied Production, Distribution, Project Management and External Constraints solutions of TOC in many companies.
- The Production solution has yielded significant improvements in reduction of lead times, setting up guaranteed availability systems for products and supplies, developing new offers to the market, reduction in work in process as well as improving management skills in production companies.

MEMBERSHIPS

- Member of the South African Institute of Mining and Metallurgy
- Council member on the South African Institute of Non-Destructive Testing
- Has served in various positions on the South Africa Institute of Welding
- Founding president of the Iscorite Toastmasters Club
- Registered Field Guide with the Field Guides Association of South Africa