



JOHANN COETZEE

SENIOR PROCESS INDUSTRY SPECIALIST

CAREER PROFILE

Johann Coetzee specialized in operational performance management, production planning, capital management and project portfolio management. Johann draws on his 30 years of experience at Sasol, a petro-chemical factory at Secunda in South Africa. His Sasol service included management and development of production planning, capital budgeting, project justifications and project portfolios. He was part of various initiatives with external consultants such as the development of an integrated production planning process, key performance measures and applications, deviation management process for operations, and capital excellence.

Johann retired from active employment at Sasol in June 2014.

PROFESSIONAL EMPLOYMENT

Facilitated Integration Technology (July 2014 - Present)

Senior Process Industry Specialist

At F.I.T. Johann serves as an industry specialist in operational performance management, production planning, capital management and project portfolio management.

He can draw on his background to assist in strategic planning and system applications, and business process reviews.

He can employ his business engineering knowledge to develop master business plans for operations improvement.

Sasol Synfuels – Secunda (2009 - June 2014)

Business Track Manager - Tar-Phenosolvan-Sulphur (TPS) and Gas Production Departments

Portfolio Management: Developed project portfolio function for departments by prioritization approach based on business risk and approval status. Introduced improvement of project database, budget alignment and governance processes for project steering forums. Developed team score measures for the Business Track function.

Project Development: Was responsible for development of project charters, business cases and business plans with assumptions for projects ranging from a new coal tar filtration unit to renewal of various main equipment introducing process improvements where feasible.

Business Engineer/ Investment Analyst – TPS and Refining Departments

Was responsible for capital budgeting, evaluation of project justifications, applications for capital modifications and equipment renewals, and post commissioning audits. Developed and implemented guidelines/ principles for proper non-economic/ risk evaluation.

Developed key performance measures for team scorecard for evaluation and budget processes.

Extended involvement at Tank farm area in developing project prioritization system with business criteria such as business fit, risk impact and economic benefit.

Team Member - Capital Excellence Initiative with McKinsey Consultants

Utilized capital management diagnostics to develop benchmark capital excellence process for Sasol Synfuels.

Sasol Synthetic Fuels - Secunda (1999-2008)

Team Leader - Operations Review - Operations Improvement Initiative with KBC Consultants

Developed review and improve processes for inputs, planning and scheduling; main review steps included monitoring, analyzing, fixing and solving; type of reviews included Planning Review; Adherence Review; Opportunity Review based on linear programming model back casting. Facilitated deviation management process with consultants.

Business Specialist – Information Management

Developed an evaluation/ screening process for Information Management (comparing Information Factory versus Material Factory); motivation for change included pre-evaluation assessment of criticality, effort, benefits, marketing impact; and operations impact.

Applied Business Engineering course framework, determining the drivers for oxygen compressor reliability. Introduced a generic business process: Process for Ongoing Improvement.

Team Leader - Operational Performance Management - Production Improvement Initiative with Honeywell and FIT consultants

Developed and implemented operational performance measures for all operating departments, using the compressive methodology from FIT (Folkert Herlyn); adopted similar approach (performance driver trees / value realization structure) for measuring the implementation of key improvement processes (planning, scheduling and blending, decision support); measures included focus, perspective, critical drivers (based on critical success factors), and dependencies/ controllable drivers.

Managed the development of the performance deviation process in a dedicated software training module.

Sasol Synref – Secunda (1994 - 1998)

Business Leader – Production Planning LP Modeling

Managed the production planning function for Sasol Synref site using the developed linear programming (LP) model.

Compiled and reported on operations measures using calculated measures distinguishing between mix, yield and volume deviations.

Business Specialist - Production Planning - Operations Improvement initiative with external consultants

Developed and implemented an integrated production planning function, including a linear programming model.

Learned business process modeling and meeting best practices.

Divisional Manager - Production Planning and Fuel Blending

Managed production planning and fuel blending functions for Sasol Three site; included short term plans and production budgeting done in Excel spreadsheet format.

Sasol Three – Secunda (1984 - 1993)

Senior/ Principle Engineer - Special Assignments

Managed capital budgeting and evaluated project justifications for all departments at Sasol Three site.

Project Leader - Energy Study with Linhoff March Consultants

Managed energy study on site for high, medium and low pressure steam systems with the pinch technology consultants.

Process Engineer - Synthol Operations Unit

Was responsible for problem solving and optimization of reactor run lengths of the unit.

Conducted production standby for unit.

EDUCATION

B.Eng. in Chemical Engineering
Pretoria University, South Africa

RELEVANT EDUCATION/ TRAINING

Business Engineering course, the object orientated framework.

