

Kenneth Brickhill

Mechanical Engineer & Project Manager

South African. Fluent in English & Afrikaans.

Date of Birth: 04 / 08 / 1948

Married.

✉ kbrickhill@hotmail.com

📞 079 887 3135

📍 14 Mathias Place, Durban North.



I'm a seasoned and accomplished Mechanical Engineer with 27 years of experience in Project Management in the Petro-Chemical, Oil & Gas and Paper & Pulp industry.

I'm technically sound in Primavera & Microsoft Projects, and well versed in all Windows based applications.

KEY SKILLS, EXPERIENCE AND EXPERTISE.

Project Management • Shutdown & Turnaround Management • Consulting •
Strategic Planning • Training • Equipment Maintenance • Recruitment •
Expense Control • HSE Management

ACCOMPLISHMENTS

As a part of the team & head of Project Planning & Controls we successfully managed & planned the move of the Jastrap Exxon Drill Rig from Odoptu (Sakhalin island – Russian federation) to the Chayvo site. -

Project value: \$55 Million - Man hours: 325, 000 -Duration of 8 months

Planned & Managed the Project installation of Winterisation Modules on critical equipment such as Hot Heaters & Open drain Sumps.

Project value: \$3 million - Man hours: 45,000 - Duration of 3 months.

Planned & Managed the Upgrade of the Local Gas Sales Project (LGSE) installation of 4 x 50t heat exchangers & piping. Developed a level 4 plan of man-hours and cost estimate to facilitate Shutdown tie-in of the heat exchangers.

Project Value: \$8 Million - Man hours: 78, 000

Planned and Managed the upgrade of existing fire water system with freeze protection of a continuous circulation of the fire water incorporating a level 4 plans and man hour estimate for the installation of a heat exchanger fire water pump and associated piping.

Project value \$6.5 million - Man hours 60,000

PROFESSIONAL EXPERIENCE

PROJECTS PLANNING ENGINEER

ExxonMobil Neftegas Limited (ENL) Sakhalinsk Russia - Chayvo

2011 -2017

- Project planning & control for ExxonMobil Neftegas operating gas & oil process facilities on Sakhalin island
 - Development of schedules in Primavera P6 for all the production projects in Chayvo, Dekastri and Orlan offshore platform operating units.
Project value \$24 million - Man Hours: 325,000 Duration of 11 months.
 - Weekly reports on progress with S-curves and remaining man-hours and costs
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PROJECTS ENGINEER & PROJECT PLANNER

Kentz LLC Russia – Yuzhno Sakhalinsk Russia

2008 -2011

- Project Planning & Control for ExxonMobil Neftegas operating Gas & Oil Process Facilities on Sakhalin Island
- Development of Schedules in Primavera P6 for all the Production Projects on Chayvo, Dekastri and Orlan offshore platform operating units.
- Operations Project Planner/Controller of the Chayvo Site.
- Week & daily reporting on progress with S-curves and “look ahead’s” with task allocation to the relevant site supervisors and engineers.
- Seconded to ExxonMobil Neftegas Limited (ENL) planning and project control of the operations production projects:
 - As a part of the team & head of Project Planning & Controls we successfully managed & planned the move of the Jastrap Exxon Drill Rig from Odoptu to the Chayvo site. Project value \$55 Million - Man hours: 325, 000 -Duration of 8 months
 - Planned & Managed the Project installation of Winterisation Modules on critical equipment such as Hot Heaters & Open drain Sumps.
Project value: \$3 million - Man hours: 45,000 - Duration of 3 months.
 - Planned and Managed the upgrade of existing fire water system with freeze protection of a continuous circulation of the fire water incorporating a level 4 plans and man hour estimate for the installation of a heat exchanger fire water pump and associated piping. Project value \$6.5 million - Man hours 60,000
 - Planned & Managed the upgrade of Existing Fire water system with freeze protection of a continuous circulation of the fire water incorporating a level 4 plans and man hour estimate for the installation of a heat exchanger fire water pump and associated piping. Estimated value \$6.5 million 60,000 man hours.
 - Project Engineer & Site manager of the KentzSMNM site at the Odoptu FSP project Sakhalinsk Russia to facilitate the installation of all the utilities required for the Parker onshore drill rig. Daily & weekly meetings on coordination of job tasks and site supervision of the installation the piping and associated equipment for the above. Project Value \$15 million peak - work force 350
 - Site manager of the project to dismantle the Interim Process Facility (IPF) at the Chayvo site Sakhalinsk Russia. Daily task loading of the scheduled tasks with the Russian & Expat supervision.
 - Daily updating of the schedule with weekly & 2 weekly forecast with regard to progress and future planning. Management of all safety aspects and reporting and attendance to the weekly and monthly meetings. Interface with the client Fluor/ExxonMobil daily on changes to the schedule. Control of the budgeted purchases and direct labour time-sheets.
 - Dismantlement of the Chayvo IPF was the removal and labeling of 28 off crude oil processing skid type modules with their relevant piping for reuse & storage. This project workforce peaked at 67 persons with a monetary value of \$1 million and duration of 5 months.

PROFESSIONAL EXPERIENCE

PROJECTS ENGINEER

Kentz (Pty) Ltd South Africa – Durban Office

2006 -2008

- Shut Management on maintenance shuts on the Sasol Secunda Synthol Units
 - Management of the Pre-Shut scope identification for the relevant tasks to be executed for the 12-day shutdown on the Sasol Synthol Middle Train Unit 220. This included the drawing up of the blanking/spading list, work packs, carnage, scaffolding and the internal plan for the execution of the shutdown work scope.
 - Managed and coordinated the resources during the execution of the shutdown.
 - Generated daily task sheets for the resources. The workforce peaked at 425 people with a monetary value of 9 million for my present employer, Kentz.
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PROJECTS ENGINEER & PROJECT PLANNER

Kentz (Pty) Ltd South Africa

(SAPPI Stanger Pulp & Paper Mill for 25-Day Shut and Rebuild of the Bleach Plant.)

2005

- Developed the full plan for the new bleaching process design, equipment design, piping design, P&ID's, equipment/material orders & deliver schedules. Develop a pre-shut plan for all the pre-shut installation and manufacture. Develop a shut plan for the tie and erection of new equipment on a 25-day Pulp Plant shut. Shut Statistics 4800 planned tasks, work force peak 730, 378000 man-hours. peaked at 67 persons with a monetary value of \$1 million and duration of 5 months.
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PROJECT MANAGER

Kentz (Pty) Ltd South Africa

(SASOL Secunda – for Sasol Synthol Middle Train Shuts.)

2004

- To scope ID the relevant task to be executed for a 12-day shut in September 2004 – draft blanking/spading list and work packs costs, budgets, planning and safety management plans. Manage and coordinate resources during the execution of the shutdown. Generate daily task sheets, safety meetings, cost tracking. Close off site, finalise cost and invoice. Shut statistics peak 320, 146000 man hours.
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PROJECT MANAGER

Kentz (Pty) Ltd South Africa

(SAPPI Tugela Pulp & Paper Mill – for 20-day shut.)

2003

- To develop and coordinate the 20-day shutdown at Sappi Tugela Paper Mill. This 20-day shut planning was for 3 off production units at this paper mill, namely:
 - 700T/D Kraft Digester Top Replacement; 300T/D Paper Machine Rebuild;
 - 500 tube change out on a Recovery Boiler.
- The shut planning, and coordinating the shut plan, linking these 3 off production units with their relevant shut and start sequence.
- Managed and coordinated the 5 off section planners with the development of the 20-day shut plans for each production unit.
- Set up the shut reporting structure and planning meeting schedule.
- Coordinated the 8 off main contractors and all the service unit cranes, stores, canteen, safety and security.
- Developed the shut planning procedure manual.
- Coordinated and managed the daily shut planning meetings during the 20day shut.

PROFESSIONAL EXPERIENCE

BUSINESS DEVELOPMENT MANAGER FOR TURNAROUNDS

Kentz MEPC (Malaysia) SDN BHD. (Kentz office in Kuala Lumpur Malaysia)

(SASOL Secunda – for Sasol Synthol Middle Train Shuts.)

2002 -2003

- To develop and market the Turnaround/Shutdown management of the 2 to 3-yearly turnarounds in the refinery/petrochemical industry of Malaysia and South East Asia.
 - As the Ta business development manager it was my responsibility to select and form an alliance with a local Malaysian Contractor in the oil industry to assist with marketing of TA management in Malaysia. My duties were to schedule from a monthly target list the presentation meetings and contracts; develop the PowerPoint presentation of the TA management concept used by Kentz; generate monthly reports and a business plan as to our market penetration and forward planning.
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CONSTRUCTION MANAGER

Kentz (Pty) Ltd South Africa

(OIF Project – Richards Bay)

2001 - 2002

- Ten-month project to install all the piping and mechanical equipment on the new no. 2 Sulphuric Acid Plant. Responsible for all the management of the Safety, Commercial Control, planning and personal. Completed daily site diaries and monthly reports on progress and budgets. Peak workforce 1100 – value R80 million.
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NIGHT SHIFT MANAGER

Kentz (Pty) Ltd South Africa

(ENGEN – for 2001 Shut)

2001

- Night Shift Manager for all Kentz activities on the Engen Shut.
 - Completed daily progress reports of night shift activities and reschedule the plan.
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PLANNING MANAGER

Kentz (Pty) Ltd South Africa

(SAPPI Tugela Mill – for 3-day shut.)

2000

- Planning Manager reporting directly to the Engineering Manager of Sappi Tugela. Main task was the pre-shut/shut monthly, weekly and daily meetings.
 - Update and coordinate the 3-day shut plan for all the divisions of the task.
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SITE MANAGER

Kentz (Pty) Ltd South Africa

(FEDMIS – for FEDMIS 2000 14-day Shut.)

2000

- Remove and replace the No. 1 Acid Plant Pan Filter and the 5 Acid Plants S/S ducting and Acid towers. Peak workforce 65, value R3.5 million.

PROFESSIONAL EXPERIENCE

SECTION PROJECT ENGINEER

Kentz (Pty) Ltd South Africa

(CALTEX – for Caltex Shut 2000.)

2000

- Removal of heat exchanges, Fin Fans, Inspections of towers and waste heat boilers.
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PROJECT ENGINEER

Kentz (Pty) Ltd South Africa

(Worked on various projects during this period.)

1992 - 1999

- 10-Day shut – Saldanha Steel Mill
 - 10-Day shut – Fedmis Phalaborwa
 - Saldanha Portnet Installation of Oil Loading Arms
 - 55-Day shut – Mondi Richards Bay, to rebuild paper machine
 - Sappi Ngodwana Pulp & Paper Mill – various 10-day shuts and maintenance programmes.
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DIVISIONAL ENGINEER KLB

Sappi Kraft (Pty) Ltd – Pulp & Paper Manufacturers

1987 - 1992

- Main responsibilities and duties:-
 - In charge of all Mechanical Maintenance for the Kraft Liner Boards (KLB) machine, producing 550 tonnes of paperboard per day.
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MANAGING DIRECTOR

Eastern Mining & Hardware – Mining and Hardware Suppliers

1983 - 1987

- Main responsibilities and duties:-
 - Marketing, selling and design of mine equipment such as conveyor belts, pump station, valves etc
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SECTION ENGINEER

Pilkington Flat Glass, Springs – Manufacturers of flat and patterned glassliars

1980 - 1982

ENGINEERING MANAGER (MAINTENANCE AND PROJECTS)

Jessievale Saw Mill

1979 - 1980

ASSISTANT MECHANICAL ENGINEER (MAINTENANCE OF CRUSHING PLANT AND FLEET OF QUARRY VEHICLES.)

Pretoria Portland Cement

1979

PROFESSIONAL EXPERIENCE

PUPIL ENGINEER, SITE ENGINEER, PROJECT ENGINEER

SAPPI Fine Papers (Pty) Ltd, Springs

1972 - 1978

APPRENTICE FITTER & TURNER

East Geduld Gold Mine, Springs

1967 - 1972

QUALIFICATIONS

- **MECHANICAL ENGINEERS GOVERNMENT CERTIFICATE OF COMPETENCY FOR FACTORIES. 1978 – Correspondence through Veaseys.**
 - **MANAGEMENT DEVELOPMENT PROGRAM DIPLOMA 1990 UNISA (School of Business Leadership).**
Diploma included the following courses:
 - Fundamentals of Financial & Management Accounting
 - The Organisation and it's Environment
 - Manpower Management
 - Marketing Management
 - Operations Management
 - Quantitative Techniques
 - **APPRENTICESHIP: Trade - Fitting & Turning at East Geduld Gold Mine in Springs.**
 - **NTC 2, 3, 4, 5 & N.T.D. CERTIFICATES**
Springs Technical College
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COURSE ATTENDED

- **2010** - Attended 3 day course for Primavera P6 Project Planning
 - **1991** - Paper Machine Winder Maintenance – Beloit Lenox in U.S.A.
 - **1991** - Corrosion School – The S.A. Corrosion Institute
 - **1989** - Middle Management Course – Paradigm Systems Technology (Pty) Ltd.
 - **1981** - Manufacturing of Patterned Glass – Australia.
 - **1979** - One week NOSA Safety Training Course for Supervisors & One week Accounting Management Course, R.S.A.
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EDUCATION SCHOOLING

CAPRICORN HIGH SCHOOL 1962 - 1966 - PIETERSBURG