



CURRICULUM VITAE - DARRYL SMITH

2007 – Present, Senior Field Engineer, Sigra Pty Ltd, Brisbane, Queensland

- Conduct IST insitu stress testing operations, analyse results and present reports.
- Conduct hydro-fracking stress testing operations, analyse results and present reports.
- Conduct DST permeability test operations, analyse results and present reports.
- Conduct coal gas desorption testing, analyse results and present reports.
- Develop and supervise coal laboratory operations.
- Quote on above jobs and other Sigra capabilities for client requests.
- Develop Sigra's capabilities with-in the coal and coal seam methane gas industries.

2006 – 2007, Science and Mathematics Teacher, Queensland Secondary Schools, Gold Coast, Queensland

- Several teaching positions at The Southport School, Southport State High School and The Upper Coomera State College teaching mathematics, science and chemistry.

2003 – 2006, Assistant Production Superintendent, NSW Sugar Milling Cooperative, Condong, New South Wales

- Supervised laboratory operations.
- Responsible for quality assurance of direct consumption raw sugar.
- Ensured that maintenance and production budgets are met.
- Coordinated raw sugar shipments to external customers.
- Support shift supervisors with factory operation problems.
- Supervise cooling tower and boiler water treatment programs.
- Responsible for the cane analysis and payment system
- Prepare weekly production and cane payment reports.
- Assist with the development of capital and maintenance programs.

1997 – 2003, Assistant Production Superintendent, Sarina Distillery, CSR Distilleries Operations Pty Ltd, Sarina, Queensland

- Supervised laboratory operations.
- Responsible for quality assurance of ethanol products.
- Ensured that maintenance and production budgets are met.
- Coordinated ethanol shipments to external customers.
- Support operators with factory operation problems
- Supervise cooling tower water treatment programs.
- Prepare weekly production reports.
- Assist with the development of capital and maintenance programs.

1995 – 1997, Assistant Production Superintendent, CSR Ord Sugar Mill, Kununurra, Western Australia

- Supervised laboratory operations.
- Responsible for quality assurance of sugar products.
- Ensured that maintenance and production budgets are met.
- Support operators with factory operation problems.
- Prepare weekly production reports.
- Assist with the development of capital and maintenance programs.



1991 – 1995, Factory Chemist, Sarina Distillery, CSR Distilleries Operations Pty Ltd, Sarina, Queensland

- Supervised laboratory operations.
- Responsible for quality assurance of ethanol products.
- Monitor and update factory control system.
- Ensured that maintenance and production budgets are met.
- Support operators with factory operation problems.
- Prepare weekly production reports.
- Assist with the development of capital and maintenance programs.

1988 – 1991, Shift Supervisor, CSR Plane Creek Sugar Mill, Sarina, Queensland

- Supervised laboratory operations
- Responsible for shift operations.
- Ensured that maintenance and production budgets are met.
- Support operators with factory operation problems
- Prepare weekly production reports.
- Assist with the development of capital and maintenance programs.

Qualifications and Professional Memberships

- University of Queensland - Bachelor of Engineering (Chemical), 1988
- Griffith University - Graduate Diploma of Education, Secondary, 2006
- Open Driver's License (Class C, R) (Queensland)
- Certified Dogger and Basic Rigger.
- Certified Front-end Loader > 2L engine ticket
- Certified Steam Turbine with Power output \geq 500kW ticket
- Certified Steam Engine ticket
- Certified Boiler Operator (Intermediate) Ticket
- Safety Facilitator in the Dick Knowles Process
- First Aid Certificate (Workplace First Aid and Advanced Resuscitation)
- CSR Supervisory Development Program Modules 1, 2, 3.
- Stage 1 Workplace Health and Safety Officer Course, Queensland
- Workplace Health and Safety Rehabilitation Co-coordinator, Queensland
- Vax, Bailey N90, CITEC, Macroview and Allen Bradley PLC Programming.
- Team Leadership Skills Course and Facilitators Course.
- Occupational Health and Safety Training Program for Supervisors and Managers in Western Australia