

Maria Jacoba Elizabeth Jones  
Senior Process Designer

## Curriculum Vitae

<b>Name</b>	Maria Jacoba Elizabeth Jones
<b>Date of Birth</b>	01/01/1966
<b>Identity Number</b>	6601010047081
<b>Tertiary Qualification</b>	None
<b>Professional Membership</b>	None
<b>Name &amp; Contact Details of Current Employer</b>	WorleyParsons RSA (Pty) Ltd, PO Box 22, Menlyn, 0063
	<b>Tel:</b> +27 (0) 12 745 2000 <b>Fax:</b> +27 (0) 12 745 2001
	<b>Email:</b> Elsabe.Jones@WorleyParsons.com
<b>Date of Joining Firm</b>	04/03/2011

## Summary of Employment

<b>2011 - Current</b>	Senior Process Designer, WorleyParsons RSA (Pty) Ltd
<b>2008 - 2011</b>	Senior Process CAD Designer, Foster Wheeler South Africa
<b>2008 - 2008</b>	Senior Process CAD Designer, PBMR, Murray and Roberts
<b>2002 - 2008</b>	Senior Process CAD Designer and Piping Designer, Foster Wheeler South Africa
<b>2001 - 2002</b>	Senior CAD Operator, EL Bateman, Boksburg
<b>1999 - 2001</b>	Senior CAD Operator, Megchem, Sasol, Secunda
<b>1989 - 1996</b>	Learner/Design Draughtswoman, Sastech, Sasol, Secunda
<b>1987 - 1989</b>	Senior Tracer, Sastech, Sasol, Secunda
<b>1985 - 1986</b>	Tracer, Sastech, Sasol, Secunda
<b>1984 - 1985</b>	Learner Tracer, Sastech, Sasol, Secunda
<b>1984 - 1984</b>	Credit Clerk, Kroonstad-West Co-operation

## Summary

Elsabe Jones is a Senior Designer with more than 26 years' experience in the engineering industry. She has extensive knowledge of MicroStation, AutoCAD, SmartsSketch, SmartPlant P&ID, Zygad (Pfd's) and Autodesk Design Review.

## Experience

Technical experience gained per company:

### 2011 - Current WorleyParsons RSA (Pty) Ltd

Senior Process Designer responsible for:

- VOC - P&ID's on SmartPlant
- Scaw - Pfd's
- Shondoni Mine Project - Pfd's on AutoCAD  
P&ID's on SmartPlant
- Mfd's to SPPID - Co-ordinate project on the South African side  
Checker on project  
Compiling load sheets for Sasol's data base  
Do prepping work for Beijing office  
Attending meetings and sorting out queries

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**2008 - 2011 Foster Wheeler South Africa**

Senior Process CAD Designer responsible for:

- 16<sup>th</sup> Oxygen Train
- 4<sup>th</sup> Train landlord
- Water Recovery Growth
- Senmin
- FTWax
- Uzbekistan GTF
- Natref HF Alky
- Sasolburg Gas Engine
- Lanxess
- Arcelor Mittal and SUEP Projects
- Drawing of PFD's, MFD's and MCFD's
- Creating general CAD Standards and documentation
- CAD System: AutoCAD, MicroStation and SmartPlant P&ID

**2008 - 2008 PBMR, Murray and Roberts**

Senior Process CAD Designer responsibilities include:

- Eskom Nuclear Power Station – drawing of new PFD's with all relevant flow, process and design pressures indicated
- Updating existing PFD's
- Drawing of all P&ID's, showing all relevant vessels, instruments, valves, flow information, line no's according to KKS numbering system
- Drawings were created via SmartPlant P&ID's live database package
- CAD System: SmartsSketch (Pfd's), ZYQAD (Intelligent Pfd's)

**2002 - 2008 Foster Wheeler South Africa**

Senior Process CAD Designer and Piping Designer:

- Drawing of new and updating of existing piping and instrumentation diagrams, process flow diagrams and MCFD's on Natref, 16<sup>th</sup> Oxygen Train, 4<sup>th</sup> Train Landlord and Water Recovery Growth
- Creating general CAD standards and documentation
- Piping and equipment modeling on PDS for Water Recovery Growth
- As-built of Unit 52 on PDS using scans and Photogrammetry
- CAD System: AutoCAD, MicroStation, PDS and SmartPlant PID

**2001 - 2002 EL Bateman, Boksburg**

Senior CAD Operator:

- Drawing of new and updating of existing MFD's and Pfd's on Amplats Project
- CAD System: AutoCAD

**1999 - 2001 Megchem, Sasol, Secunda**

Senior CAD Operator:

- As-built of Isometrics on Unit 03/203
- CAD System: MicroStation and AutoCAD

**1984 - 1996 Sastech, Sasol, Secunda**

Learner/Design Draughtswoman:

- Piping Draughtswoman doing As-built and various maintenance projects
- CAD System: MicroStation and AutoCAD

**1984 - 1984 Kroonstad-West Co-operation**

Credit Clerk

## Project Experience

Project experience with current employer includes:

<b>Project Name</b>	: <b>Sasol Medium Wax Extraction Plant</b>
Project Summary	: Sasol consulted WorleyParsons to compile a concept study for a new Medium Wax facility for Oryx GTL in Qatar.
Role and Responsibilities	: Senior Process Designer.
Involvement	: 2012- 2012
Location	: Qatar
<b>Project Name</b>	: <b>MFDs / P&amp;IDs</b>
Project Summary	: Conversion of 360 x MFDs Unit 012 to SmartPlant P&IDs
Role and Responsibilities	: Co-ordinate project on South African side. Checker on project, attending meetings and handling queries.
Involvement	: 2012- 2012
Location	: , ,
Contract Value	:
<b>Project Name</b>	: <b>P4-VOC Abatement</b>
Project Summary	: EPCM VOC Abatement Tar Value Chain Project
Role and Responsibilities	: Responsible for P&ID's on SmartPlant.
Involvement	: 2012- 2012
Location	: Republic of South Africa
Contract Value	:
<b>Project Name</b>	: <b>Execution phase Shondoni Coal Mine Secunda</b>
Project Summary	: New mining complex. The project comprises the engineering of a fully operational coal mine complete with shaft systems, underground infrastructure and materials handling, surface materials handling, surface infrastructure utilities & services to support a facility with a proposed production rate of 9,2 Mtpa, dry ash free (DAF) of 66,57% (determined by SASOL), of coal for supply to Sasol Coal Supply (SCS). Sasol specific requirements are that the design must cater for a facility that is expandable to 10,5 Mtpa and to allow for the footprint of a future crushing facility.
Role and Responsibilities	: Responsible for Pfd's on AutoCAD as well as P&ID's on SmartPlant.
Involvement	: 2011- 2012
Location	: Secunda, Mpumalanga, Republic of South Africa
Contract Value	: ZAR 5,000,000,000.00
<b>Project Name</b>	: <b>SCAW Co-Generation Power Plant Feasibility Study</b>
Project Summary	: SCAW Co-Generation Power Plant Feasibility Study
Role and Responsibilities	: Responsible for Pfd's.
Involvement	: 2011- 2011
Location	: , ,
Contract Value	:

## Language Proficiency

	<b>Speak</b>	<b>Read</b>	<b>Write</b>
<b>Afrikaans</b>	Excellent	Excellent	Excellent
<b>English</b>	Excellent	Excellent	Excellent