

# Curriculum Vitae

## PERSONAL

**Name: Mr Graham Arthur Jones**

Nationality                      British  
Languages                        English / German  
Full UK driving license



## EDUCATION

### **Training in various CAD and CAE systems**

Aug 1992	PASCE (PDMS)	Engineering Automation
Aug 1988 to-date	AutoCAD 2000 and 2006	Autodesk
Aug 1987	Medusa	Prime
Feb 1986	Summadraft	Intergraph
Oct 1983	CADDS 4X	Prime
1977-1980	Portsmouth College of Technology	
	Design Engineering (HND)	
1972-1977	5 year apprenticeship 'General Engineering'	

## PROFESSIONAL EXPERIENCE      **MECHANICAL ENGINEER**

2008 to-date	<b>WRG (Waste Recycling Group)</b>	England
2008-2008	<b>SLR Consultancy</b>	England
2006-2008	<b>VT Environmental Engineering</b>	England
2001- 2011 (ongoing)	<b>Eclips Corporation (UK)</b>	England
1997-2000	<b>Lugia</b>	Austria
1995-96	<b>Peko</b>	Bermuda
1992-95	<b>W&amp;E ABB.</b>	Switzerland
1990-92	<b>Von Roll</b>	Switzerland

## SUMMARY:

Early engineering background encompassed integrated mechanical design and manufacture in the electronic and telecommunications manufacturing industries. During which time I was responsible for the detailed layout of a new factory from shell to operation.

Since 1990 I have worked in the treatment and disposal of waste as well as the petrol chemical industry, working for companies such as Von Roll AG and W+E (ABB) AG of Switzerland and at OMV oil refinery in Austria, where a wide range of in-depth experience has been gained. Duties involved senior management, project and site management, process engineering and the design, construction and commissioning of EfW (Energy from Waste) incineration plants and oil refineries in Europe and North America.

I have worked with processes such as Incineration, Pyrolysis, Autoclaving and Combined Heat and Power (CHP) units. Re-cycling systems such as Material Re-cycling Facility (MRF) and material sorting systems as well as In-Vessel composting (IVC) and Anaerobic Digestion (AD) plants as well as conventional steam generating boilers

**Dec 08 – to date**

**Waste Recycling Group**

**Northampton England**

## BID MANAGER

Working as a bid manager on PFI projects, preparing bids and managing projects from attending bidder's day to submission of the PQQ, development of the deliverable solution and preparing the ISOS submission, Fully involved in the Dialogue Consultation meetings with the project authorities. Involved in and preparation of all submissions from PQQ through to CFT (Call for Final Tender).

Arranging all studies and surveys required for the PFI bidding stages, writing the method statements to be submitted, interfacing with the EPC contractor, process providers and construction companies, assisting the finance department to obtain the best gate fee

PFI bids worked on Lincolnshire, Gwyrdd (South Wales) and Project Transform

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**Feb 08 – Nov 08**

**SLR Consultancy**

**Bristol England**

**Process Engineering Group:  
ASSOCIATE**

Working in a consultancy role to clients, producing reports, project evaluations and recommendation including:

- Chairing and taking part in regular site meetings to ensure communication and interchange of data and information flows unimpeded
  - Ensuring the agreed program is monitored and any deviation noted early. In addition to assist with expediting solutions leading to a speedier program
  - Monitoring and managing agreed project build program ensuring sub-contractors and equipment suppliers are kept informed as to on-site delivery requirements as the build phase progresses
  - Monitoring quality of workmanship and ensuring it is in complete compliance with all specifications of the client contract arrangements
  - Ensuring risk assessments and method statements are issued before commencement of works and that they cover adequately all areas of concern
  - Ensuring the Contractor undertakes all his operations and activities in full compliance with all appropriate health and safety legislation (and amendments), appropriate guidance documents and approved Codes of Practice published by the HSE.
  - Reviewing and where appropriate approving design drawings
  - Reviewing the Health & Safety File, all As-Built information and O&M manuals pertaining to all services and equipment installed within the works.
  - Ensuring the Contractor and all his sub-contractors comply with all requirements contained within the Construction (Design and Management) Regulations 2007 (CDM).
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**Nov06- Jan-08**

**VT Environmental Engineering**

**Southampton England**

**Technical support:  
PROJECT DESIGN ENGINEER**

VTEE set-up their waste division in 2005-06 and their first PFI bid for a waste facility in the UK was submitted in March 2007. I was brought into strengthen their bid team, identify the technical solution, write the technical specification and draft out the site operational procedures for the proposed facility.

My duties included bid writing, equipment selection; instructing other VT team members on available processes, identifying waste flow requirements, waste handling techniques, UK and EU regulations regarding the Waste Incineration Directive (WID) and Landfill Directive.

Working on further PFI bids and developing VTEE's understanding of the waste industry with regard to processes and procedures involved in operating a waste processing facility.

Summary of duties:

- Writing technical reports and project proposals for VTEE board of directors and local civic authorities and the British MOD (Ministry of Defence)
  - Selection of thermal treatment equipment
  - Writing technical reports and project proposals
  - Selection of Material Re-cycling Facility (MRF) systems to meet government regulatory re-cycling targets
  - Evaluate the selected process and to optimize the configuration and develop the best working practice plan
  - Write facility emergency plans regarding health and safety, fire and business continuity plans, detailing the procedure to be taken in an emergency
  - Evaluate planning permits and ensuring that they are followed
  - Write the facility waste handling and waste segregation procedures, reporting and notification procedures, site regulatory compliance reporting and enforcement
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**Jan01- Oct11**

**ECLIPS Corporation (UK)**

**Portsmouth England**

**Waste incineration plants:  
TECHNICAL MANAGER**

Overseeing all of the design requirements for each of the company's turnkey incineration contracts, Taking responsibility for specifying and procuring the many process systems required, covering all aspects of the project and project management. Processes involved include Rotary Kiln, Fluid bed for Municipal Solid Waste (MSW) and Hazardous Waste (HZW)

Responsible for all technical content of bids, bid writing, equipment selection, writing company procedures and ensuring that all local and governmental requirements are met regarding waste processing facilities. Managing the in-house technical staff and site operators, holding face to face meeting with local authorities, sub-contractor and suppliers attending national and international conferences

Summary of duties:

- Reporting to the MD
- Allocate working schedules and tasks to the workforce
- Day-to-Day management of the technical personnel
- Negotiating and liaison with local government municipalities regarding proposed projects
- Preparing and presenting presentations to large international audiences (100+)
- Analysis new and proposed legislation on the impact on waste facilities
- Ensuring that all facilities and selected processes comply with national and international regulatory legislation, health and safety procedures are adhered to
- Responsible for all technical content for each project
- Established a procurement centre in the UK
- Producing time planners on Primavera
- Responsible for all required design studies and reports for both internal and external submission.
- Preparing budget offers and coordinating technical content in all project proposals
- Writing and preparing project proposals

**Note:** From 2006 - 2011 Whilst ECLIPS Corporation (UK) seeks prototype funding Mr Jones has also been engaged in consultancy work outside of the company in order to widen commercial experience.

**Jan97 - Dec20**

**LUGIA**

**Vienna Austria**

**Oil refinery:**

**COMMISSIONING ENGINEER / DESIGN ENGINEER**

on-site in Vienna

Design Engineer and Commissioning of site up-grades at OMV oil refinery near Vienna  
Design and up-grade of petrol-chemical and industrial process plants, working on-site overseeing equipment installation and commissioning

Summary of duties:

- Problem solving implementing solutions
- Actively attending meetings between site office and customer
- Producing all required P&ID to DIN28004
- Producing piping and instrumentation drawings
- Producing electrical instrumentation drawings
- Up-grading electrical schematics and piping drawings
- Producing P&ID's and modifying existing drawings

**June95- Nov96**

**PEKO AG**

**Zurich Switzerland**

**Commissioning of MSW incineration plant:**

**COMMISSIONING ENGINEER / SITE MANAGER**

on-site in Bermuda

Working on contract to VON ROLL AG based on-site as site manager over seeing final building stage and

plant commissioning of a 300 t/p/d MSW plant at Tynes Bay Bermuda.

Summary of duties:

- Supervising site personnel both contractors and process operators
- Office administration (assistant site office manager)
- Controlling office expenditure, work force daily expenses
- Producing reports for project management team in Zurich
- Problem solving and implementing solutions
- Actively attending meetings between site office and customer

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**Apr92- May95**

**W+E ABB AG**

**Zurich Switzerland**

**Design and building of waste incineration plants:**

**PROJECT ENGINEER**

(Head office in Zurich)

Working on-site at Augsburg in Germany, Wels and Vienna in Austria

Summary of duties:

- Testing of equipment.
- Supervising equipment installation
- Problem solving and implementing solutions
- Insuring time schedule for system workload is met
- Recording performance data

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**Mar90 - Mar92**

**Von Roll AG**

**Zurich Switzerland**

**Design and building of waste incineration plants**

**CONSTRUCTION DESIGN ENGINEER**

(Head Office in Zurich)

Using Medusa CAD system

- Producing P&ID (piping and instrumentation diagrams) to DIN28004
- Arranging all associated component specification lists from system database
- Producing plant layout drawings on CAD system
- Producing plant construction drawings on CAD system

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