

Curriculum Vitæ (CV) / Résumé - John White

EXPERIENCE AND ACHIEVEMENTS

Jun 03 to date Available for Process Control Consultancy, and French to English Translation. I retired from the French oil company, Total, in June, 2003. I am available for consultancy work in the fields of Process Control and DCS, and for French to English Translation. Consultancy work undertaken has included providing the Control/Instrumentation input to HAZOPs (Hazard and Operability Studies) on process unit within the Petroplus Refinery (former British Petroleum (BP) Refinery), in Coryton, Essex, and having the "Lead Control Engineer" role on a feasibility study for a grassroots refinery in Brazil. My current customers for translation work include refiners (supply contracts), chemical and detergent manufacturers, brewers and legal firms. The English pages of www.festivalbruxellensis.be are examples of my translation work. I also have the hobby job of "Beer Hunt Organiser", see www.whitebeertravels.com. This website was built by myself and is maintained by myself.

Feb 84 to Jun 03 Total Lindsey Oil Refinery Limited, Killingholme, Immingham, North Lincolnshire, England, DN40 3LW. This refinery (LOR) is owned by the French company, Total (www.total.com).

As Head of the refinery's Process Control Group, I was responsible for the implementation of high return advanced controls, and for new projects having a large or non-conventional control content. As such I was heavily involved in the installation of an on-line LP-based gasoline blending optimiser, and provided consultancy for the follow-up gasoil project. I also provided major input to a project I initiated to improve alarm handling. At one time I was the Technical Manager of an Instrumentation Upgrade Project on older areas of the refinery: all major technical aspects were my responsibility. The scope included the replacement of over 600 control loops with their modern equivalent, the addition of novel advanced and combustion controls, and the installation of PLC-based alarm systems. I was deeply involved in operator training, particularly for new controls; the extensive training notes I produced for boiler controls became part of the operating procedures. Initially on joining LOR, as a Senior Control Engineer, I headed the team responsible for producing the budgetary cost estimate for the project, its financial justification, vendor selection and implementation strategy. I was also involved in Combined Heat and Power (CHP), Multivariable Control, and Inferential Analyser Control projects. These represented the introduction of new technology to LOR.

From March, 1996 until March, 1999, after a month's intensive (one to one) training in French in Paris, I was assigned to Total affiliates in France: in the "Raffinerie de Normandie" (RN), in Harfleur, near Le Havre; and at the "Centre Européen de Recherche et Technique" (CERT), also in Harfleur.

At RN (March 96 to February 97) I was Head of the refinery's "Process Control and Systems Group" (Chef de Secteur Contrôle des Procédés et Systèmes) and had similar responsibilities to those at LOR. I worked on advanced controls on a crude unit and its associated gas plant, and on optimised blending, and conducted a process control survey of Total's former North American refineries.

At CERT (February, 97 to March, 99) I was an Ingénieur Automatisation (Process Control Specialist). I worked on advanced control and instrumentation projects (revamps and grassroots). I provided significant technical input to a major advanced control (multivariable control) project and a reinstrumentation project at Total's refinery in Vlissingen, in the Netherlands, which involved a ten-month sub-assignment there. I translated Total's DCS and Emergency Shutdown Specifications (over 200 pages) from French into English. During the period of time that I was at CERT I also did freelance translation work (French into English) - over 150 pages of a bid document/technical specification for a large refinery project.

My main responsibility on return from the three-year assignment was another major reinstrumentation project, this time on the whole of the refinery. Particular responsibilities included: production of the project bid books, which incorporate DCS specifications prepared by myself; the advanced control aspects of the project; and vendor selection. As part of a major refinery-wide safety initiative (ISRS) I chaired a monthly safety meeting.

Oct 78 to Feb 84 ICI. Last location - Engineering Department, Fine Chemicals Group, Alderley Edge.

Project Control Engineer responsible for control and energy conservation applications on heating and ventilation and boiler plant on the Pharmaceuticals Division Research Site, Alderley Park. Prior to this, as a Senior Computer Applications Engineer, based at the North West Region Control Centre, Runcorn, I carried out control scheme design and computer systems specification for large-scale chemical processes.

Aug 75 to Oct 78 Mobil Oil Company, Coryton Refinery, Essex. This is now a Petroplus Refinery.

Computer Control Section Supervisor. Responsible for all refinery process computer applications. On the crude unit, I commissioned high payback advanced controls, and wrote specifications for a process control computer for an FCCU. Before this I was responsible for the refinery LP (short term production planning). When previously stationed at Mobil's Data Centre, I did LP work (blending), refinery process simulation and supported engineering programs.

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Aug 73 to Aug 75 **Procon (Great Britain) Limited, London.** (Former Oil Industry Contractors)

As a Senior Computer Applications Engineer and then a Senior Process Engineer, carried out refinery process design, programming (FORTRAN and BASIC) and LP work, mainly to solve difficult gasoline blending problems, having introduced LP technology into Procon.

Nov 70 to Aug 73 **Esso Petroleum Company, Milford Haven Refinery.**

Control Engineer responsible for the refinery process control computer. Also carried out technical programming.

EDUCATION AND QUALIFICATIONS

<u>Sep 01 - Jun 02</u>	Grimsby College.	GCSE French - Result A*(a*).
<u>Oct 69 - Oct 70</u>	University of Bradford.	M.Sc. Control Engineering.
<u>Oct 65 - Feb 69</u>	University of Bradford.	B.Tech., Upper Second, Chemical Engineering.
<u>Jan 63 - Jul 65</u>	Warrington Technical College.	ONC Chemistry with subsidiary Mathematics.
<u>Oct 56 - Dec 62</u>	Leigh Grammar School/ Manchester Tutorial College.	GCE "O" Levels: Mathematics; Physics; Chemistry; Geography; and English.

Professional

Chartered Engineer (C.Eng).

Member of the Institution of Chemical Engineers.

Member of the Institute of Measurement and Control (lapsed on retirement).

Fellow of the Institute of Petroleum (lapsed on retirement).

MISCELLANEOUS

I have presented a number of papers on instrumentation upgrades, advanced controls, combustion controls and optimised blending at international seminars in the UK, Europe and the United States. External publications include: "Innovative Boiler Control", in *Hydrocarbon Technology International 89/90*; "Optimised Gasoline Blending at Lindsey Oil Refinery", in the July, 1992 edition of the Institute of Petroleum's *Petroleum Review*; "Gasoline Blending Optimisation Cuts Use Of Expensive Components", in the 9th of November, 1992 edition of the *Oil & Gas Journal*; and "Blend Optimisation to Improve Refinery Profitability", in the Spring, 1995 edition of *Hydrocarbon Technology International*.

Whilst at the University of Bradford I spent four periods of six months with: BASF in Germany; Ciba-Geigy (now Novartis) in Switzerland; British Petroleum Research; and Sturtevant Engineering.

I have attended numerous courses since leaving University. These include: Management; Computing; Hydrocarbon Technology; Linear Programming; French;- Microprocessors; Instrumentation; Control Technology; Safety Management; Quality Assurance; and Fire Fighting.

I worked for over two years as a Laboratory Assistant with Laporte Chemicals, Warrington, before going to University.

PERSONAL DETAILS

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DN37 9HE

E-mail Address: john@whitebeertravels.com fax +44 (0)1212 756088

Date of Birth: 15 May, 1945.

Marital Status: Married, with: two children, born in 1971 and 1974; and two grandchildren.

John White/jw. Please note that this CV has an accompanying Detailed Career History.