



## Chris Simms

### PROFILE

A highly motivated Chartered Chemical Engineer with 28 years working for Blue Circle Industries and Lafarge Cement UK. Chris has an extensive knowledge of the design and operation of process plant. A methodical approach to problem solving and good analytical skills combined with attention to detail. He is a good communicator, both verbally and written, and highly computer literate, and is able to work well both as an individual and as part of a team.

### EDUCATIONAL & PERSONAL

Date of Birth: 15 November 1953

Qualifications: University of Manchester Institute of Science and Technology  
B.Sc in Chemical Engineering (First Class Honours)

Corporate Member: Institute of Chemical Engineers (C.Eng,  
M.I.Chem. E)

Languages: French and German (basic).

### Professional Experience Resume

*2008 - present Consultant Engineer*

Technical support to consultancy clients in international locations:

- a) Technical training,
- b) Process evaluation,
- c) New project review,
- d) Environmental performance evaluation.

*2002 – 2008 Senior Process Engineer - LAFARGE CEMENT UK*

Provided process engineering expertise to cement plants within Lafarge Cement UK. Analysed plant data and recommended changes in operation to improve output, fuel and power consumption.

Responsible for optimisation of "Linkman" expert systems for kiln control. Trained plant operators to use Linkman effectively and advised process engineers on aspects of optimisation. Organised and implemented a one-week cement technology training course every six months.

Spent seven months at Aberthaw Works (Wales) as Optimisation Manager, responsible for process optimisation of the plant including maximising output and reducing fuel and power consumption. Joined the Northfleet Works team to help maintain plant performance in the period leading up to plant closure in April 2008.

*1992 – 2002 BLUE CIRCLE INDUSTRIES -Technical Centre*

Principle Process Engineer - 2000 - 2001

Senior Process Engineer - 1992 - 2000

Responsible for implementation and optimisation of "Linkman" expert systems for kiln control on Blue Circle plants throughout the world. Achieved benefits of up to 8% reduction in fuel consumption and 5% increase in output. Managed and trained junior engineers in the use of Linkman.

Provided process engineering expertise to cement plants worldwide, both within the Blue Circle Group and externally. Conducted technical surveys of cement plants and recommended improvements. Assisted in a company wide Operational Improvement Programme to achieve 40% reduction in compressible costs.

Conducted a number of due diligences as part of a team. These resulted in acquisitions ranging in value from £30m to £400m. Performed the process design for a new \$150 million cement plant in Nigeria, negotiated with potential suppliers and recommended selection of supplier for contract.

Presented at internal conferences and company Cement Technology Course to train personnel and disseminate best practice throughout the Group.

*1979-1992 Blue Circle Technical Centre – Process Engineer*

Involved in plant design, testing, troubleshooting and commissioning of new cement plant both in the UK and overseas.