



Name: Dr. MOHAMMED SAMMUR, BSc, PhD, CEng, FIMechE, FAPM

Title: MANAGING DIRECTOR

Year of Birth: 1958

Education: PhD, Engineering Science, University of London.
BSc (Hons.), Mechanical Engineering, Queen Mary College, London University.
Fellow Member of the Association for Project Management (FAPM).
Fellow Member of Institution of Mechanical Engineers (FIMechE).

Special Training: Leadership Management and Strategy Training, 2002, Ashridge Management College (London).
Association for Project Management (APM), 1999, UK.
Project Management/Leadership (Jacobs College, Pasadena, California) – 2007.

Languages: English (Fluent)
Arabic (NATIVE)
Greek (Basic)

Over 22 years of successful experience in project management, engineering operations management with a successful track record of delivering multidisciplinary, major capital and complex projects for the power generation and process industry (including process plants construction projects), applying national and international standards (e.g. ASME III, CEN, BS5500) and working with regulatory bodies (UK: EA and NII, KSA: Royal Commission (RC) and High Commission for Industrial Security (HCIS)).

- Experience in the design of various types of reinforced and pre-tensioned concrete and steelwork structures, steam raising units for power plants, gas cooled reactors, steam turbines and active effluent treatment plants and experience of seismic design and qualifications of plants. Experience also gained in conducting, reporting and facilitating workshops: **Value Engineering/Optioneering & Risk Management.**
- Worked with Westinghouse (US) in the development and setting up a Strategic Alliance contract to enhance resource capabilities for the delivery of projects. This led to the formation of a Consortium comprising companies like Mitsui-Babcock, Serco Assurance, Frazer-Nash, Alstec, Taylor Woodrow and Babtie. Overseas experience in the Middle-East (KSA, Kuwait, Jordan) as well as Europe and the US.

Relevant Process Operations and Project Experience Includes:

- **Operations in KSA. (2007 to Present)**
Currently working as Managing Director of Arabian Consulting Engineering Centre (ACEC) on assignment from Aker Solutions, member of the Aker Group. Also, worked as member of a team of senior managers from Jacobs Global operations in the transitioning of a newly acquired Saudi Arabian process/piping engineering company in Al-Khobar, KSA. Core clients include ARAMCO, SABIC, etc. As the MoP and Project Director in KSA, responsibilities include delivery of GES contracts to such clients and providing complete project management services and process capabilities from In-Kingdom.

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Resume of Qualifications

Project Director- (TIC > \$350MM) Riyadh Soda-Ash project.

- **Arabian Amines Company (AAC) Ethyleneamines Project, Jacobs Engineering (JE), Reading, UK (TIC \$220MM).**

Senior Project Manager/Engineering Project Manager. This project is a joint venture between Huntsman and Al-Zamil Group to build and operate a major 27,215 tpa Ethyleneamines Plant at Al-Jubail Industrial City in Saudi Arabia. JE is the PMC and OSBL FEED provider, assigned to manage all aspects of the project including EPC contractor selection and management until Final Acceptance of the Plant. (2006). FEED Packages and ITB were delivered on schedule and completed to cost. Value engineering carried out and design improvements resulting in significant savings identified - Client approved additional work that will deliver cost savings in excess of USD 10 Millions. The project received very high commendation from the client (achieved a score of 91% in Client Survey). EPC contract awarded and detail engineering work in progress. (2006 to 2007)

- **British Nuclear Group, Dungeness Power Station, UK**

Manager of Projects and Decommissioning Manager: Responsible for managing a portfolio of projects estimated at £1.2B (Near Term Work Plan (3yrs) £248M):

- MXD Chemical Processing Plant – A complex waste processing facility and a critical project, (FEED and Safety Case/Stage Submission done in-house) - A target price contract EPCM awarded to AKER Kvaerner. A reinforced concrete structure housing a 200 tonne crane system, pipework, a raise/lower device for remote handling of hazardous materials, cooling ponds, C&I and active treatment effluent plant. Construction/Mechanical Completion, pre-Commissioning and commissioning of the plant was successfully completed.
- Electrical Overlay System (£3.2M reduced from £7.8m following Optioneering) – Following competitive tendering, a contract was placed with an Italian company to provide a £275kV transformer and procurement of new switchboards. The project feasibility and design phases were completed ahead of schedule and within cost. This will enable the safe isolation of plant buildings (i.e. make 'dark & cold') ready for de-planting and demolition, and connection supplied to new construction buildings.

- **British Nuclear Group, Plant Operations, UK**

Manager of Projects: Projects supporting the continued operation of all of Magnox Electricity Power Generating Stations in England and Wales (Budget £25M pa).

Projects include the production of design and plant modifications, feasibility studies, production of supporting engineering designs/reports and safety case submissions, pre-commissioning and commissioning. Projects delivered to an annual budget of £25M provided jointly by all of the operational power plants. Projects managed and delivered include:

- Design of complex restraint mechanisms for steel pipe penetrations/nozzles (ranging from up to 6' 6" diam) located in Pre-Stressed Concrete Pressure Vessel Structures: The restraints mechanisms ensured differential expansions between the vessel concrete walls and associated piping systems are accommodated such that resulting loads/stresses are kept well within the design limits. These have been successfully built and are now operating as part of a major station investment.

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Resume of Qualifications

- Piping Specifications, Design and construction for replacement gas and steam pipework.
- Refurbishment and Replacement of: Steam Turbine discs and blades, steam pipeworks, gas ductwork and associated load hangers/supporting steel structures. (2002-2004)
- **British Nuclear Group, Reactor Services Organisation, UK.**
Engineering Operations Manager: Managing 6 engineering departments (400 (staff and contractors) including 7 Senior Engineering Consultants, Branch Budget £10M pa), namely: Plant Engineering, Materials Engineering, C&I, Nuclear Systems, Structural Analysis and Civil. Managing internal and external suitably qualified and experienced resources assigned to work on projects. (1997-2004)
- **ERA Technology, UK**
Senior Stress and Project Engineer. Leading a team of technical experts assessing the design of structures, including chemical process, seismic qualification, piping/vessels design, scheduling of inspection and maintenance operations. (1986-1988)
- **Al-Qurain Automotive Trading Co, Kuwait**
Engineering Supervisor. Supervising a team of diagnostic engineers and technicians (Bosch power plants & tools/Volvo motor cars). (1985-1986)

Employment History:

2008 – Present	Managing Director, KSA. Operations Director, Aker Process Ltd. UK.
2006 - 2008	Projects Director, Jacobs Engineering, UK and KSA.
1988 – 2006	BN Group, formerly Magnox Electric Ltd/Central Electricity Generating Board. Positions held: <ul style="list-style-type: none">• <i>Manager of Projects</i>• <i>Engineering Operations Manager</i>• <i>Head of Nuclear Systems Group</i>• <i>Structural Engineering Group Head</i>• <i>Materials Engineering Group Head</i>• <i>Project Manager</i>• <i>Principal Structural and Materials Engineer</i>
1986 – 1988	Senior Stress and Project Engineer, ERA Technology, UK
1985 - 1986	Engineering Supervisor, Al-Qurain Autotrading Co, Kuwait