

Curriculum Vitae

**Mohammed Abdalla Hassan Al Jasmi**  
P.O. Box: 3734  
SHARJAH  
United Arab Emirates



Mobile: 00971-50-6460904 / 050-8096699

e-mail: [mahase@eim.ae](mailto:mahase@eim.ae)

e-mail: [mohammedhassan584@gmail.com](mailto:mohammedhassan584@gmail.com)

**Education:**

- BSc in Chemical and Petroleum Engineering from UAE University-1991.
- Executive MBA from IMT Dubai- 2013 specialization in Project Management.
- Master in Contract Law and Dispute resolution from BUiD -2016
- Diploma in Expert Witness from Dubai Judicial Institute-2020

**Arbitration:**

- Qualification program of international Arbitrators-2013.

**Dissertation:**

- Challenging International Arbitration Awards in UAE Courts on Public Policy Ground.

**List of Arbitration Cases**

- Three sole Arbitrator cases by DIAC - Construction-related disputes.
- One case as Co-Arbitrator by DIAC- Construction-related disputes.
- One case as Co-Arbitrator by Ministry of Justices- Construction-related disputes.

**List of Courts Registered in UAE as Expert Witnesses**

- Ministry of Justices
- Abu Dhabi Judicial Department
- Dubai Courts
- RAK Courts

**Number of Cases assigned by Courts as Chemical Engineering & Petroleum Engineering as Engineer Expert Witnesses in UAE courts**

- 107 Cases

**Number of Cases assigned by Courts as Fire Expert Witnesses**

- 20 Cases

**Professional Registration – UK Engineering Council**

- Chartered Chemical Engineer (FIChemE) with IChemE and Chartered Engineer (CEng) with Engineering Council (UK).

## **PROFILE**

An established Energy industry professional with demonstrated success in developing and leading a fully functioning independent Gas Processing Company from a grass root, controlling individual functions within the Company by providing strategic vision and challenging objectives and providing leadership for Health, Safety and Environmental functions at the highest level within the Company.

## **STRENGTHS**

- Strong business outlook, political & economic awareness about UAE and regional Oil & Gas business environment, strong relationship & network with government departments, Sharjah Petroleum Ministry and other related agencies.
- Exceptional ability to build a relationship with the Company Staff, Board of Directors, constituents and community, with a focus on collaboration.
- Excellent organizational, management and planning skills.
- Credibility at serving as the lead ambassador for the organization.
- Excellent technical background in sour gas processing and Oil & Gas operations.
- Ability to manage multiple priorities and focus clearly in the face of distractions.

## **ACHIEVEMENTS**

- Project Management & Development.
- Managing Zora Field Development Project, including project execution strategy, reservoir studies, development wells drilling design, surface facilities conceptual design and detail engineering design with major engineering companies. Prepared detailed plans for the construction, installation, commissioning and operation phases for the following production facilities:
  - Offshore Platform and Topside Facilities.
  - Offshore and Onshore Gas Pipelines.
  - Onshore Gas Processing Plant.
- I prepared all documents, presentations and lead the discussions on project commercial negotiations, financing and approvals.

Successfully managed all project components and required approvals internally with Dana Gas Management & Project Team and externally with Sharjah Petroleum Council, Hamriyah Free Zone Authority, project contractors and lending institutions to move forward as per the project execution plans.

Assisted Dana Gas Senior Management by acting as the lead auditor for a number of Dana Gas Projects (KhorMor in Kurdistan, EBGEDCO & El-Wastani in Egypt) resulting in enhancing the technical integrity of gas production facilities and reducing the overall CAPEX and OPEX expenditures

### **Clean Development Mechanism (CDM)**

- Successfully developed the business case and working relationships for Dana Gas Clean Development Mechanism (CDM) partnership with Eco Securities and Dubai Multi Commodities Center (DMCC) for reduction of Green House Gases (GHG) across MENA region

### **Health, Safety & Environment (HSE)**

- An integrated HSE Management System in compliance of ISO 14001 & OHSAS 18001 developed and is now in implementation stage at Corporate and Operating Companies level.
- Successfully completed HSSE reviews of the Dana Gas new projects to ensure compliance with corporate goals.
- Sajgas Company HSE procedures have been developed and implemented to manage all hazardous activities such as radiography, waste handling and disposal.
- The Environmental Impact Assessment (EIA) for Sajgas plant developed and presented to the authorities.

### **Operational and Project Excellence**

- A fully functioning operations base has been established for Sajgas in line with the best industry practices.
- OPEX cost has been continuously monitored and brought a saving of 35% over the original estimates.
- Leading the construction and tie-in project with PB/ Shalco with liabilities of \$60 million.
- Sajgas Plant has been maintained in excellent working order and equipment has been preserved to a very high standard in line with vendor's recommendations in keeping a value-based regime.
- Completed Phase-1 Commissioning of Gas Plant under budget and ahead of assigned schedule.
- Developed and implemented a comprehensive operating strategy for a new Gas Processing Company (Sajgas) under Dana Gas PJSC.
- Lead the Corporate oversight function for Dana Gas new development projects in Egypt (El-Wastani & Ras Shukahir NGL facilities) and Kurdistan (Khor Mor Processing Plant).
- Three Major development projects (Total worth of USD 850 Million) are in various stages of completion in UAE, Iraq and Egypt in compliance with Company Corporate over-sight requirements.

### **Business Development (BD)**

- New business opportunities have been identified to Dana Gas Board in the areas of Natural-Gas development, alternative energy sector (solar, geothermal, wind and bio-mass, etc.).

- New business opportunities have been identified and assist in Egypt, Pakistan, Kurdistan & Bangladesh, etc. in Oil & Gas sector.
- A business case developed for Gas City concept in Egypt, UAE, Yemen, Kurdistan, etc.

### **EMPLOYMENT HISTORY:**

#### **From: March 2013 to May 2016**

Employer : Dana Gas PJSC

Position : Sajgas and United Gas Transmissions General Manager

#### **From: March 2011 to March 2013 onwards**

Employer : Dana Gas PJSC

Position : Zora Field General Manager

#### **Main role:**

- Reporting to the Technical Director & CEO to develop the Zora Project from conceptual design, detail engineering design, construction, commissioning phases and ultimately full production operations in order to serve the growing energy requirements of the Emirate of Sharjah.
- Responsible for project execution strategy, engineering design and Full-Field Development Plan for Zora Project in line with Dana Gas Corporate HSSE, Technical and Commercial requirements and guidelines. Managing and coordinating the sub-functions of offshore drilling & engineering, construction, installation, hook up and commissioning of offshore platform, offshore & on-shore pipeline and onshore gas processing plant.
- Monitoring and reporting to internal and external stake holders the project progress and status against agreed milestones covering technical, commercial, schedule and quality control aspects.

#### **Main Responsibilities:**

- Responsible for Project planning, budgeting, finance, marketing, stakeholder communications & reporting.
- Deliver Engineering, construction and Operations of Sharjah Offshore Zora Project on time and within budget. Accountable for procurement of tangibles for a project delivered in the correct quantities and at the right time, for a good price.
- Responsible for ITT & contract agreements with EPCI firms. Oversees tender evaluations & represents the Technical Director on tender committees as requested by the TD.

- Accountable for accurate & timely reporting of project progress and milestones, and production data for the Zora business unit. Proactive in optimising the project from a timing and overall cost standpoint. Actively manages production through planning, maintenance & workover operations. Ensures spares and supplies are available in the correct quantities.
- Manages company interests in projects and operations in joint ventures on behalf of the company. Represents the company on the non-operated projects as requested by the
- Meet HSSE responsibilities as stated in the Company's HSSE policies, ORMS and related documentation and communications. Ensure implementation and full adherence to requirements of the HSSE management system.
- Provides material input to Technical and Business Development department teams on costs and plans for projects and effective operations.

**From: 18<sup>th</sup> June-2005 onwards**

Employer : **Sajaa Gas PLC, Sharjah**


  
**Subsidiary of**

Position : General Manager

**Main role:**

- Reporting to the Company Corporate President & CEO to provide recommendations and leadership to establish the growth of business units in the region, a member in the Board of Directors.
- Responsible for all business operations of the gas plant to include; plant HSE, the gas plant operations, maintenance, security, finance, and HR.
- To monitor the operating performances including the operating costs of all operating and non-operating business units.
- Ensure full adherence to the Company's Health, Safety and Environmental policies, procedures and standards.
- To recommended and manage the development and implementation of Integrated Management System for the Company and the International Operations and Projects.
- Head the Plant management, Engineering and Operations departments' coordination and management, to facilitate, supervise, audit and monitor the execution of the management of Company policy and strategy associated.

**Main Responsibilities:**

- HSE Input in the Project Development and Construction Operations for large scale Gas processing facilities
  - Project Safety Reviews
  - Safety Case
  - HAZIDs
  - HAZOPs

- Environmental Impact Assessment

- Advise management on development of company environmental strategies for dealing with various environmental issues at areas of operation.
- Remain the legal responsibilities and liabilities for the Company under the advice from legal consultants on a regular basis.
- Liaison and networking with appropriate regulatory, government and industry bodies.
- Overall operation and business aspects of Sajaa Gas Private Limited Company and for implementation and enforcement of SajGas DOA, HSE, Gas Plant operations, maintenance, security, insurance, finance, and Human Resources policies and procedures.
- Overall support and leadership on technical and HSE matters to Dana Gas Corporate, Projects and subsidiary companies.
- Specialist advice to Dana Gas Management to maintain and establish growth of Company.
- Development of Company strategy in line with Dana Gas Business Growth Plan and oversee successful implementation.
- Ensures implementation and full adherence to requirements of the Company HSSE management system as specified in policies, procedure or any other HSSE items cascaded from Corporate HSSE Management System.
- Provide assurance that appropriate Risk Assessments are conducted at Company level using agreed matrix and all relevant risk are identified, assessed and control measures implemented to manage high and medium-level risks.
- Oversight for implementation of Company policies, procedures & controls covering all areas of Company activity so that all relevant procedural & legislative requirements are fulfilled while operating the Plant within specified ranges of quality, operability and cost parameters.
- Recommendations for continuous improvement of Company policies, systems, processes and practices taking into account 'best practice', changes in local and international standards and changes in the Gas Processing and Hydrocarbons business environment, which demand proactive action plans.
- Development and implementation of Company O&M procedures with the objective to monitor and enhance performance.
- Manage effective achievement of Company objectives through leadership of the Company setting individual objectives, recruiting qualified staff, managing performance, developing & motivating staff, provision of formal & informal feedback & appraisal, succession planning in order to maximize subordinate & departmental performance.
- Creation of culture that is conducive to employee satisfaction and personal achievement ensuring organization effectiveness and rewarding contributions.
- Ensure that timely, accurate and regular reports are prepared and submitted to the Company board of directors, Dana Gas CEO, relevant Dana Gas Directors on key subjects.
- Ensure effective reporting and relationships with SPC, BP-Shalco, Crescent Petroleum, CNGCL, UGTC, SEWA, Emarat and any other relevant authorities. Promote a company's positive image within the local community and neighbours in the area.
- Development of annual O&M, CAPEX and Project budgets with the assessment and analysis for controlling overall financial costs. Act as final Approval authority for Finance Audit Report & Balance Sheet and presentation to SajGas Board & Dana Gas CEO.
- Act on behalf of Sajgas Board in case of operational and other emergencies for execution of Emergency Response Plan and represent the Company to all government authorities.
- Demonstrates leadership in implementation of Company ethics, integrity and compliance policies.

- Provision of an efficient integrated auditing system, aimed at ensuring adherence to the Company Policy, as well as to continuously identify possible system and performance improvements.
- Serve as the leader of the staff of organization with oversight for recruiting, selection, training and performance management of employees. Build a team and motivate the group to achieve the goals of the organization. Together with the HR Director and other key staff, create a culture that is conducive to employee satisfaction and personal achievement.
- Establish and maintain strong communication networks within the organization so staff function as a team and effectively chart their progress.
- Develop annual budget with the Controller and the Finance Committee of the Board; work throughout the fiscal year to ensure achievement of budget goals with the staff.
- To develop and monitor the operating budgets, long term budget forecast. Advise to the board on the Opex related proposals of operating and non operating fields. Prepare and present the production, operating budgets and field performance to top management and also to partners.
- Ensure that all funds and the physical assets of the organization are adequately managed, administered and safeguarded. Work with the Controller and Finance Committee to ensure an annual Audit Report is prepared and presented.
- Management and ensuring a team approach is adopted to resolve engineering problems so that downtime of plant is minimized whilst maximizing recovery of products in a cost effective manner.
- Provide oversight and direction to all shareholders to ensure fulfillment of their agreements with Company. Ensure strong relationships exist between Companies.
- Manage and approve the engineering and other departments for improvement the plant processing ability in terms of Gas recovery, integrity, reliability and facility uptime through the implementation.
- Review the operator's financial proposals, gas sales agreements etc to ensure that these are in line with overall and partner's business objectives.
- Represent in the meeting with Buyers (Gas and Condensate) in meetings related to shutdowns, production optimizations, CSA amendments etc.
- Interact with partners, Operators, Buyers and Government for production, operations, operating budget, reports etc.
- Demonstrate a personal commitment to Health, Safety and the Environment by following UAE Health, Safety & Environmental Regulation, and Requirements of ISO Standards.

**From: February-1992 to June-2005**

Employer : **Abu Dhabi Gas Liquefaction Co. Limited (ADGAS)**

**Head of Production Support - ADGAS (April-2003 to June-2005)**

Responsible for Process Engineering (which monitors plant performance, provide technical support to Production Division to resolve and maintain high plant reliability and support ADGAS Project ) , Production Controller (which takes care of production planning and product movement, communication with other company participations & provides necessary input to prepare the 5 year production plans, quality etc.) and Document & Resources Coordination(which controls the entire preparation and up-keep the operating manuals)

### **Main Responsibilities:**

- Lead the group of Process engineers (6 Chemical Engineers) towards providing technical support and troubleshooting techniques to all Operations disciplines (Process, Storex, Utilities and Production) for a 720 T/hr LNG plant with LNG and LPG products.
- Lead the group of Production controller (5 Production Controller).
- Liaison with other divisions and external parties (ADNOC group of companies) for achieving optimum plant conditions with regard to safety, environment protection, high efficiency and maximum on-stream availability. Auditing process units and final products specification to ensure customer satisfaction.
- Plant mass balance and special spot cargo preparations.
- Prepare and follow-up departmental quarterly and annual objectives. Produce monthly progress reports.
- Appraise and supervise on daily, monthly and yearly basis the subordinate Process Engineers efforts in order to optimize group work and recognize and arrange for training requirement, as Process Engineers Department head. Discuss and set individual objectives and ensure achievement. Mentor for the development of UAE chemical engineers until final post establishment.
- Administrate and manage departmental personnel issue like leave/cycle arrangements, job assignment and resources co-ordination. This includes recruitment, assessment and interviewing new engineers. Also budgeting and financial authority.
- Member of new organization development in-house committee as division representative. New organization structured and implemented on asset-based format.
- Create and maintain special tracking systems to analyze and eventually reduce plant trips by ensuring completion of recommended action lists.
- Chairman for special task forces like fire in west heat boiler and accumulation of colored deposit on C3/MCR Turbine Rotors. This includes gathering multidisciplinary team, examining technical data and interviewing personnel. Produce report for management review.
- Create and maintain suggestions improvement system in order to enhance communication and consider all shift personnel proposals towards enhancing plant efficiency and safety.
- Prepare and deliver presentations on specific plant problems in international conferences like Adipecc. Member of Adipecc technical committee.
- Permanent member of business development team for examining and analyzing cross-company processes towards leading the company into the future.
- Administration, technical bid evaluation and commercial awarding of certain consultancy packages.



- Plans and controls the manpower requirements for the Division ensuring effective implementations of the Emiratization policy. Manages the identification of training needs and the establishment of job targets for all the jobs by managerial responsibility. Ensures the proper implementation of approved training and development programs within the Division with emphasis on UAE Nationals and through continuous follow up and effective succession planning.
- Controls impact of operations on environment by monitoring units, effluents, flaring, emissions and coordinates efforts for plant-wide compliances with ADNOC and International standards for Health, Safety and Environment protection programs. Initiates, implements and promotes HSE improvement changes and drives better awareness across the workforce. Liaises with upstream Das and offshore for minimization of overhaul flaring of unutilized gases.
- Undertakes senior role of Plant Management as and when required.
- Prepares and presents necessary reports on plant performance and production achievements to Shareholders and General Management.
- Performs and assist in other related or similar tasks such as attending the regular Plant Manager's meetings, Leading Plant Team in case of emergencies, participating in the updating of safety procedures, chairing HSE committee meeting etc. is responsible for the safety of all personnel and protecting equipment in the LNG industrial complex.
- Guide and direct improvements in the plant by leading and approving initiatives to enhance environment, reliability, availability and production effectiveness.
- Liaise with Project Division from the early stages and provide experienced manpower with some exposure to design review, statement of requirement and operability issues and hazop, safety and cost control, scheduling etc. And with regard to preparations of new procedures and integration before and during handover.
- Participation in LPG Train 4 executed by CHIODA in Yokohama – Japan, FEED/Re-FEED study. Design data, economic modeling, and production profile study. Train capacity selection. Value engineering, PHSER, tie-ins package, cost reduction study, QRA and site selection review. New SOR for re-FEED. Review all process documents. Flare location and relief load summary. Constructability model review.
- Participates in the planning, coordination and recommendation of long and short term production programs carried out in conjunction with the Marketing Division and ADMA oil production plan. Includes the preparation of annual production budget, attending managerial meetings, discussing existing capacities, capabilities, conditions of plant and equipment, time constraints, to decide in conjunction with other Divisional Managers concerned on an appropriate program.
- Develops and approves the Operations Division Policies and future strategies including Divisional objectives.
- Ensures the LNG plant and equipment performance are regularly monitored and analyzed to maintain and improve availability & reliability. Ensures that the Division's staff keeps up-to-date with Operational /Engineering techniques and developments to achieve the desired performance level.
- Develops contract strategies and assists Contracts Department in the preparation of conditions of Contract and pre-qualification invitations and ensures the Division follows ADGAS contract development/selection progress.

- Directs the planning and coordination of work performed by manufacturers' representatives, vendors, specialists and external consultants related to Operations.
- Controls the preparation of the annual budget for the Division, monitors and control / manages expenditure and justifies the variances.
- Approves specialized contractor's activities to ensure quality of workmanship and compliance with HSE & Engineering standards.
- Directs and participates in the planning and coordination of overhaul programs in conjunction with the Maintenance / Engineering and Integrity & Quality Divisions. Includes considering the supply of feed gas, levels in storage tanks, overhaul scheduled elsewhere, etc. synchronizing timetables with the Maintenance / Engineering and Integrity & Quality Divisions and ensuring equipment is prepared for maintenance or overhaul according to the agreed program.
- Initiates plant and equipment modifications and approves proposed modifications presented by Department Heads / Team Leaders to improve Plant efficiency / safety and environment where necessary. Coordinates priorities for investigation with Maintenance / Engineering and Integrity & Quality Managers, reviews and approves findings and proposals.
- Liaises with upstream Site Managers for the planning and coordinating of feed gas supplies necessary to meeting production targets/programs. Liaises with other offshore companies on resolving complex technical issues.
- Member of Emergency response team and owner of Emergency response plan as per Company HSEMS (Health Safety Environment Management System).
- Administration, technical bid evaluation and commercial awarding of certain consultancy packages like training simulators and alarm management.
- Member of Contractor Recruitment Panel.

### **Head of Operations – ADGAS (September-2001 to April-2003)**

- Key member of Das ADGAS Management team applying breadth of diverse management and technical knowledge and experience.
- Plans, directs, coordinates and manages all the Operations and production activities of the entire Das LNG complex, comprising Process, Utilities and Storage & Export facilities, capable of producing and shipping 8.5 million tons of liquefied natural petroleum gases products and sulphur annually. This sum up to a total sale of 200 ships per year.
- Agrees and sets corporate objectives and Operations Division performance targets and manages appropriate strategies in order to translate company missions into measurable Divisional activities and KPI's.
- Ensures that all production targets are met, the Plant is operated safely and efficiently in accordance with company policies, objectives and customer quality standards.
- Responsible for the management of day and shift operations employees (260) on the ADGAS LNG Plant (3 Production Trains) including LNG/LPG/C<sub>5</sub><sup>+</sup> + sulphur storage and jettty loading facilities with production capacity 8 million tonnes LNG/LPG annually.

- Directs and controls the production of Das Island Power Generation (105 MW) and Potable Water according to requirements.
- Taking the charge of an Acting Operations Manager in his absence
- Optimized purchasing, sub-contract and project delivery process.
- Preparation and implementation of 5-year business while establishing, monitoring, reporting all procedures including project management control.

#### **Deputy Utilities Superintendent – ADGAS (April-1999 to September-2001)**

- Responsible for day-to-day operation of 4 x 360 T/Hr and 2 x 500 T/Hr Gas fired Boiler 4 x 18MW from 5 gas turbine generators, 2 x 17.5MW STG's, 9 x 11KV cooling water pump and 4 cryogenic Nitrogen generating plants.
- 6 x 600M<sup>3</sup>/Hr centrifugal air compressor 3 x 90M<sup>3</sup>/Hr-vapour compression desalinated water plant. 2 x 600M<sup>3</sup>/Day reverse osmosis potable water units, 6 de-mineralized water M.B.U.S and all associated pumps, switch room etc. A total number of 120 multi national operations and staff are under my supervision.

#### **Storage & Export Superintendent – ADGAS (January-1998 to April - 1999)**

- Responsible for day-to-day operation of 3 x 80,000m<sup>3</sup> LNG tank, 4 x 50,000m<sup>3</sup> C<sub>3</sub>, C<sub>4</sub> tank, 2 x 20,000m<sup>3</sup> Pentane, 2 x 4500m<sup>3</sup> Sulphur tank, 2 boil off gas compressor and 2 vapour recovery unit.
- Planning, co-coordinating supervises, Review/ amends operating manual, Trouble shoots, attend a total of 37 multi national operation, purchasing committee of LNG loading arm.
- Represent Operations Division during design, construction and commissioning of new LNG, LPG lines Project.

#### **Acting Operations Day Superintendent – ADGAS (November-1996 to January-1998)**

On the Job training in all Operations Depts. as follows:

Permit Co-coordinator, Shift operation, Overhaul, Production Controller and Operation Training.

#### **Process Engineer – ADGAS LNG Plant Das Island (February-1992 to November-1996)**

- Plant monitoring, trouble-shooting, operations support, Project design and plant modifications Principle tasks – Assessment of all plant turbine, compressor and surface condensers.
- It includes understand Engineering drawings, vendor data sheet, preparation of PFD's & PID'S, simulation studies, line sizing and pressure drop calculations, insulation thickness sizing, safety and relief valves sizing, control valves sizing, pumps, steam traps, strainers, filters and orifice plates selection, evaluation and design review of process heat transfer equipment's, specification sheet preparation, identification detailed cost estimation of process plant equipment, preparation of specifications and scope of equipment's,

exchangers, basic design studies for plant modifications and studies of condition assessment for old equipment and piping systems.

- Lead the preparation of design and equipment calculations, including line sizing, pumps, vessels, heat exchanger, columns, safety and control valves, compressors, turbines, boilers, water treatment, logic diagrams, cause and effect charts, heat and material balance for completion of PFD's and PID's.
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- Monitoring and troubleshooting existing LNG, LPG, and gas processing plants, and conducting performance test runs
- Supervising U.A.E. University trainees at Das Island.
- Investigations in the Benfield Unit, Cryogenic Tower and MCR/C<sub>3</sub> Refrigeration systems.
- Conduct design and feasibility studies using process simulation software such as Hysis, Aspen, Pro II, Sulsim, Flaresim, Design II, Flowmaster, and Pipesim and Process History Database (PHD) interface like Simulations of New Train/cooling water networks on HYSIM/CHEMSHARE Simulations of sulphur plant on SULSIM Heat exchanger ratings on STX.
- Monitoring of Molecular Sieve Gas Drier Performance.
- Assessment of plant steam balance and boilers efficiency.
- Provide Process Engineering guidance to Plant Overhaul activities.
- Develop new modifications to enhance plant efficiency and achieve better safety standards.
- Provide Process Engineering guidance and support non-routine plant activities like plant overhauls, commissioning, and assessment of new equipment.
- Develop new modifications to enhance plant efficiency and achieve better safety standards.
- Supervision of special operating procedures like catalyst regeneration/ cryogenic column cool downs, etc.
- Design; prepare data sheets, engineer, pre-commission/ commission short- and long-term modifications for the improvement of plant operations/ safety and conservation of the environment.
- Also participated in commissioning of new LNG train (3rd train of 384 T/hr. capacities). This included liaison with the project team and EPC contractor towards solving plant teething problems and verification of all unit's capacities and specifications.
- Leading in the critical HSE activity in the Plant
  - HAZOP
  - HAZID
  - Process Study
  - Emergency Response Plan
  - Crisis Management

- Review process and equipment design, identify and introduce new technologies, considering environmental regulations, ensure technical quality services are provided efficiently and in a cost-effective manner to the Company.
- Provide Process engineering services to Projects department for the preparation of feasibility studies, FEED and prepare contractors scope of work for new projects.
- ADMA/ADGAS Fire Water Reticulation Study
- Conduct several test runs to investigate hammering problem. Engage consultant for hydraulic surge analysis. Preparation of design package. Test runs and performance assessment after commissioning.

<b>Technical Training Courses</b>	<b>Location</b>	<b>Duration</b>	
Thermal System Analysis and Design,	Saudi Arabia	30/05/92	03/06/92
Sulphur Plant Technology,	Das Island	28/07/92	29/07/92
Sulphur Recovery Seminar	Das Island	15/07/92	15/08/92
Oil & Gas Metering,	Das Island	12/10/92	14/10/92
Gas Compr. -Design, Control & Operation,	Das Island	25/09/94	28/09/94
HAZOP,	Das Island	03/10/94	05/10/94
Boiler Burners Management System,	Das Island	09/10/94	12/10/94
Design of Pressure Vessels,	Abu Dhabi	26/11/94	30/11/94
Design of Heat Exchangers,	Abu Dhabi	17/12/94	22/12/94
Process Operation & Control,	UAE	15/05/95	22/05/95
Gas Treatment & Sulphur Recovery,	UAE	14/10/95	18/10/95
Chemshare for Windows	Abu Dhabi	18/11/95	20/11/95
Gas Conditioning and Processing,	UAE	04/05/96	14/05/96
LNG Technology and Operations,	Abu Dhabi	08/03/97	12/03/97
Boiler and Steam Generation Systems,	UAE	06/03/99	10/03/99
Generator Control,	UK	09/08/99	13/08/99
Design Project for Aicheme (VCM),	UK	19/10/99	22/10/99
Protective Relay and Trip Devices in Utilities and Industrial Electrical Networks	Dubai	29/01/00	02/02/00
Generator protection,	UK	31/07/00	04/08/00
Gas Turbines Technology (Operations & maintenance)	UAE	21/05/01	23/05/01
HSEMS Internal Audit	UAE	02/10/04	06/10/04
Basic First Aid Training – Eurolink – Dubai	Sharjah	Oct-2008	22/10/08
Fire Extinguisher Training	Sharjah	21-09-10	21/09/10
Basic First Aid Training - Eurolink-Dubai	Sharjah	23-09-10	23/09/10
Crisis and Emergency Management for the Energy Sector	Dubai	07/11/10	10/11/10

<b>Conference and Seminars</b>	<b>Location</b>	<b>Duration</b>	
Desalination Symposium,	Abu Dhabi	15/11/92	17/11/92
Middle East Petroleum & Gas Conference,	Abu Dhabi	04/03/97	04/03/97
APCI LNG Owners Seminar,	Abu Dhabi	08/09/97	12/09/97
LNG Conference,	Abu Dhabi	29/06/98	01/07/98
Equipment Benchmarking Seminar,	Abu Dhabi	22/09/98	22/09/98
GASTECH Conference,	Abu Dhabi	29/11/98	02/12/98
Creativity Conference,	Abu Dhabi	04/05/99	05/05/99
The Future of LNG in the int'l Energy Mkt.	Abu Dhabi	30/10/99	31/10/99
Abu Dhabi Fifth Annual Gas Conference,	Abu Dhabi	03/11/99	04/11/99
Attachment to Shareholders	Abu Dhabi	07/08/00	18/08/00
Abu Dhabi International Petroleum Conference	Abu Dhabi	15/10/00	18/10/00
Abu Dhabi International Petroleum Conference (Paper presented)	Abu Dhabi	12/10/04	14/10/04
MASDAR – WFE Summit	Abu Dhabi	21/1/08	23/1/08
SOGAT-2008 - (chaired session)	Abu Dhabi	29/4/08	30/4/08
ADIPEC-2008 (paper presented)	Abu Dhabi	5/11/08	6/11/08
Plant Maintenance Middle East Conference	Abu Dhabi	12/1/09	14/1/09
SOGAT-2009 (chaired session)	Abu Dhabi	31/3/09	1/4/09
INTERGAS-V Oil & Gas 5 <sup>th</sup> Intl. Conference	Cairo, Egypt	12/5/09	14/5/09
GASTECH-2009	Abu Dhabi	27/5/09	28/5/09
SOGAT -2010 (chaired session)	Abu Dhabi	30/03/10	31/3/10

<b><u>Management Courses</u></b>	<b>Location</b>	<b>Duration</b>	
Report Writing Skills,	Abu Dhabi	27/06/92	30/06/92
GISP-Presentation Skills,	Abu Dhabi	04/09/93	06/09/93
GISP-Interviewing Skills,	Abu Dhabi	11/10/93	13/10/93
Interviewing Techniques	Abu Dhabi	11/10/93	13/10/93
Report Writing Techniques	Das Island	25/01/94	27/01/94
GISP-Problem Solving & Decision Making,	Abu Dhabi	05/02/94	08/02/94
GISP-Communication & Interpersonal Skills,	Abu Dhabi	04/04/94	07/04/94
GISP-Self Management,	Abu Dhabi	16/04/94	19/04/94
GISP-Management Techniques,	Abu Dhabi	02/11/96	05/11/96
Team Building & Leadership Skills,	UAE	23/11/96	27/11/96
SAP-R/3 Basics & Plant Overview,	Das Island	11/11/97	11/11/97
SAP-R/3 Materials for Plant,	Das Island	01/12/97	01/12/97
Management Skills for Engineers,	Abu Dhabi	06/12/97	10/12/97
Budget Preparation Techniques,	Abu Dhabi	06/06/98	08/06/98
Advanced Management Techniques,	Abu Dhabi	24/10/98	28/10/98
Business Process Engineering,	UAE	02/04/99	03/04/99
Environmental Awareness,	Das Island	09/06/99	10/06/99
Competency Based Development,	Abu Dhabi	13/11/99	14/11/99
TEND – 2000.	UAE	08/04/00	10/04/00
Leadership Development Programmed	Abu Dhabi	02/10/00	04/10/00
Crisis Management	Das Island	22/10/00	22/10/00
Empowerment	Abu Dhabi	12/02/01	14/02/01
Environmental Management	Dubai	21/05/01	23/05/01
Balanced Scorecard	Dubai	25/06/02	25/06/02
BP Operations Excellence Simulation W/S	UAE	14/09/02	15/09/02
Emergency Response Training	Dubai	21/09/02	24/09/02
Gastech 2002	Qatar	13/10/02	16/10/02
Building High Performance Teams & Dev. Career Ladder System W/S	Abu Dhabi	17/12/02	18/12/02
NLP Communication Skills & Goal Setting	UAE	10/10/04	12/10/04
Managing Challenges of Change: Focus & Execution	UAE	21/03/04	21/03/04
Managing an Oil and Gas Production Business	UAE	24/01/04	28/01/04
Emotional Intelligence	Abu Dhabi	06/10/03	08/10/03
Competence Assurance Management System (CAMS) Implementation	Abu Dhabi	01/04/05	01/04/05
5-Day Oil & Gas Executive MBA	Dubai	23/11/08	27/11/08

<b><u>Computer literate</u></b>	<b>Location</b>	<b>Duration</b>	
Computer Appreciation	Das Island	16/08/92	17/08/92
Basic Excel (ADGAS Training. Centre),	Das Island	23/08/92	27/08/92
Excel Upgrade (ADGAS Training. Centre),	Abu Dhabi	04/11/95	05/11/95
Microsoft Office (ADGAS Training. Centre),	Abu Dhabi	13/11/95	13/11/95
Networking in Windows 3.11	Das Island	18/09/96	19/09/96
Networking in Windows 3.11	Das Island	09/10/96	10/10/96
Basic, Fortran computer languages, Chemshare, Hysim, Sulsim simulators familiar with DCS-Honeywell TDC 3000.			



**B.Sc. Graduate Project:**

- Design Project in Petroleum Engineering -Enhance Oil Recovery (Steam Flooding)
- Design Project in Chemical Engineering -Recovery of Pure Ethylene from the Sweetened Refinery Gases.

<b>Training Courses During the University Period</b>	<b>Location</b>	<b>Duration</b>
Centre International DES	France	40 days in 1988
FINA Refinery	Belgium	34 days in 1989
DUGAS	Dubai	60 days in 1988 – 1989

<b><u>Professional Membership:</u></b>	Member of American Institute of Chemical Engineering.
	Fellow member and Chartered Chemical Engineer of institute of Chemical Engineers (UK).
	Member of Institute of Petroleum Engineering (SPE)
	Member of ADIPEC 2000 Board member of UAE, SPE
	Expert on Chemical & Petroleum Engineering approved by Ministry of Justice