

→ Alternative Route

**Application for Fellow  
Membership Number \_\_\_\_\_  
Joined corporate member of the CIBSE in October 2001**

<b>NAME OF PERSON</b>	<b>YEAR OF BIRTH</b>
<b>NATIONALITY</b>	<b>PROFESSION</b> MEP Manager/ Resident Engineer
Home Address	<b>Telephone (Home in Malta)</b>
E-Mail :	<b>Cell Phone (Malta)</b> <b>Cell Phone (Qatar)</b>
<b>SPECIALISATION</b>	Electrical Building Services Design including that of High-Rise Buildings; Project Management in Building Services; Facilities Management and Operations
<b>QUALIFICATIONS</b>	Full Technological Certificate of the City & Guilds of London Institute – 1978 Endorsements – Utilization of Electrical Energy; Industrial Electronics Fellow, Institution of Incorporated Engineers UK- FIET - 1996 Dissertation of a 12000 kW pilot project specifically for the Maltese islands about renewable energy by wind & photovoltaic panels - 1999 Member, Institution of Electrical Engineers UK - MIEE – 2000 Chartered Engineer EC UK - 2000 European Engineer Eur.Ing - 2001 Member, Chartered Institution of Building Services Engineers UK - MCIBSE - 2001 Membership of the City & Guilds of London Institute MCGLI – 2002 Fellow of the Institute of Engineering and Technology UK – 2005 Currently reading an MSc in Building Services by Distance Learning with Brunel University, UK
<b>KEY EXPERIENCE</b>	: Managing Director of a Building Services Consultancy Firm, Eurotech Building Services. Designing of Electrical Installations - Project Management on behalf of clients. Chief Engineer for a five star 300 bedrooms Hotel and Business complex in Corinthia Hotels International, Tripoli, Libya, managing 42 staff of various Nationalities. Site Inspecting Electrical and Instrumentation Engineer in the Sahara Desert, Libya. Inspecting, reporting and certification of class 1 division 1 & 2 electrical installations related to the Petrochemical industries. Hands-on Electrical foreman managing site personnel and solving day to day problems and liaise with clients on behalf of the company

## RESPONSIBILITIES AND EXPERIENCE IN PRESENT EMPLOYMENT

July 2006 to Present Date

**Employer:** Atkins and Partners OVERSEAS, Doha, Qatar  
**Position Held :** Mechanical, Electrical & Public Health (MEP) Works Manager/ Resident Engineer  
**Projects:** Ramada Hotel 300- bedrooms annex in Doha, Qatar – Estimated Cost GBP 20M  
Ahli Bank Main Office in Doha – Estimated Cost GBP 8.72M  
General Electric Project in Ras Lafan, Qatar – Estimated Cost GBP 6.25M

**Responsibilities:** In addition to taking overall responsibility of site operations and activities and overseeing the quality of materials and standard of workmanship and compliance with Health and Safety, my responsibilities also include:

- Rendering advice and recommending options for implementing design criteria in accordance to site conditions and restrictions, establishing priorities, targets, tasks and work schedules in advance, taking into account complexity of projects, deadlines, economical and financial aspects
- Optimization of the use of available resources, reallocation of resources and rescheduling of works in response to changes in plans, including anticipation and raising of resource issues
- Site meeting participation with clients' representatives and contractors, monitoring progress of works ensuring that action is taken to resolve delays.
- Approval of shop drawings so as to ensure adherence and relevance to design criteria
- Witnessing testing and commissioning procedures of plant and equipment installations and certification of works at the completion stage
- Providing feedback to design office and top management as to the effectiveness and practical implementation of project plans including technological innovations
- Ensuring that new staff receive appropriate training and become familiar with new tasks and Health and Safety issues

May 2003 – April 2006

**Employer :** Corinthia Hotels International -Tripoli, Libya.

**Position Held :** Chief Engineer from the pre-opening stage

### Responsibilities

- Overseeing and witnessing testing and commissioning of electrical and mechanical plant including handover and certification of completed works and authorization of payment to contractors on behalf of the hotel owners
- Responsible for the servicing and preventive maintenance for all Hotel equipment including the upkeep of guest rooms, public areas and the building fabric.
- Planning strategies for effective preventive and routine maintenance of plant, equipment and structures
- Managing of staff of various trades and nationalities including the effective utilization of human resources
- Budgeting and ordering of essential replacement parts including upgrading of plant and equipment
- Conserving and saving of energy and water, formulation and implementation of energy and water management policies and promotion and enforcement of health and safety standards and regulations.
- Continuing development of staff at all levels, interviewing and assessing staff for both employment and promotion purposes and advising senior management with regard to human resource requirements

July 2001 –April 2003

**Consulting Engineer Building Services, Tripoli, Libya – High rise Towers Hotel and Business complex**

- Propose options to achieve efficient and less expensive systems considering the environmental issues;
- Approval of drawings; Verifying of testing reports;
- Liaison with contractors on a day to day basis;
- Inspecting of works and assuring conformation with specifications and standards;
- Reporting to client on a weekly and monthly basis and participating in decision taking meetings;
- Pre-commissioning testing to ensure design objectives;
- Final commissioning and handing-over procedures for final certification

January 1994 – June 2001

**Engineering Consultant and Managing Director of Eurotech Building Services, Marsa, Malta**

- M&E projects in a Domestic, Commercial and Industrial buildings and complexes;
- Identifying customer's needs and advice accordingly
- Conceptual design and implementation
- Supervising preparation of designs
- Preparation of Tender documentation according to BS standards
- Site supervision of works and liaison with contractors
- Surveying and reporting of engineering claims for insurance purposes

Some of the major Projects undertaken:-

TYPE OF PROJECT	DESCRIPTION OF WORKS	LOCATION Malta	COST IN 000 GBP for the M&E Works Only	COMMENTS
Topaz Annex 200 room Hotel	M&E extension Works	Bugibba	250	Design of Electrical services, site inspection and certification- Project Management of M&E works (*)
Bank Outlet and Administration Building – Basement plus six floors	M&E Works	Valetta	112	*
High Class Furniture Show Room 6 levels high	M&E Works	St Venera	125	*
Interior Design Show room and Manufacturing work shops 5 levels high	M&E Works	San Gwann	270	*
Busietta Gardens – High Profile Bungalows including residential facilities	M&E Works	Madliena	750	*
150 cover Restaurant with Electrical Appliances – Manuel Theatre	M&E Works	Valetta	200	*
Aluminum Profile factory	M&E Works	Hamrun	185	*
Exotique – Shopping Complex	M&E Works	Sliema	535	*
Fenech Arredamenti – Furniture and Shopping Complex	M&E Works	St Venera	420	*
Villas Complex and Shopping Centers	M&E Works	High Ridge	525	*
Pisani Flour Mills	M&E extension works	Marsa	175	*

**January 1989 – December 1993**

**Managing Director of Gafa Brothers and Company Limited, Marsa, Malta**

- Expanded the family business in the Auto Electrical sales and servicing including air-conditioning repairs - Set-up a business plan to modernize the retail and servicing sector
- Overall company / commercial responsibility as a director with engineering knowledge
- Training of employees and managing the business on a daily basis
- Implementing of Occupational Health and Safety and other environmental issues
- Proposed means of testing, measuring and evaluating solutions

**July 1986 – December 1988**

**Corinthia Group of Companies - Chief Maintenance Engineer of a four star Hotel and Jeans Processing Laundry Plant in Malta**

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- Managing of Maintenance teams in the Hotel and Leisure industry including a Laundry Plant.
- Managerial responsibility for an operation of maintenance, function or group
- Provided specifications of operational maintainability standards
- Managing the quality of output of operational maintenance activities and programmed a Preventive Maintenance tool
- Developed and specified diagnostic techniques and procedures
- Budgeting of the maintenance Departments and evaluating life cycle costs of the equipment

**November 1984 – June 1986**

**Arabian Gulf Oil Company, Benghazi, Libya (Desert Location) - Site Electrical and Instrumentation Engineer**

- Responsible for the E& I projects related to various petrochemical projects such as Gathering and Pumping stations; Erection of staff compounds including sports facilities and clinic; Construction of a refinery plant; Construction of an aircraft landing strip to international standards.
- Assessing the design parameters and overall concept to actual site conditions and implement adjustments accordingly
- The exercise of independent technical judgment and the application of engineering principles
- Organization of quality-driven installation procedures and function
- Reporting to head office in Benghazi on a weekly basis
- Issuing of work permits after evaluating the contractor's safety audit measures
- Site supervision on a daily basis and Certification on satisfactory completion

**October 1981 – October 1984**

**Honeywell Middle East, Athens, Greece – Senior Technical Representative, Building Automation Systems**

- Assisted in the design work involving established procedures and the use of Engineering Standards and Codes of Practice to a competitive level of cost and safety standards for projects such as Dar El – Thawra printing press in Iraq and the airport and main hospital in Baghdad, Iraq.
- Received training in the servicing of Electrical, Electronic and Pneumatic environmental control systems at Honeywell Training Center in Bracknell, England.
- Led a team of technicians to install a computerized Building Automation System at the Garyunis University in Benghazi, Libya

**July 1977 – September 1981**

**Mediterranean Technical Services, Msida, Malta – Senior Electrical Technician in Building Services**

- Hands-on quality maintenance and servicing in Commercial, Hospitality and Industrial application.
- Implementing the scope of the servicing schedules as specified in the Service Agreements for various entities
- Trouble shooting, fault finding and repairs of commercial and industrial equipment, including air-conditioning equipment, boiler plants, production machinery in factories and hotels
- Testing and inspection of electrical installations, reporting and certification
- Designing of electrical installations from concept to completion for Banks and factories
- Supervising a team of technicians and craftsmen to install electrical and mechanical installations in commercial and industrial sectors
- Worked in Port Sudan, Sudan in repairing and commissioning of 10 Westinghouse chillers of 200KW capacity each. Commissioning units for a spinning and weaving factory

**December 1975 – May 1977**

**National Engineering Company, Kalafrana, Malta - Hands –On Electrical Foreman**

- Responsible for the Electrical Engineering Department including the management of around twenty staff of different categories
- Designing of Electrical industrial installations and bidding for other electrical competing projects.
- Site inspection on different projects and solving day to day problems
- Liaison with sub contractors and participating of meetings on behalf of the company and holding of toolbox talks to site personnel
- Updating the financial issues with the company's cost controller and participate in Managements meetings
- The Main Projects undertaken

TYPE OF PROJECT	DESCRIPTION OF WORKS	LOCATION Malta	COST IN 000 GBP for the M&E Works Only	COMMENTS
Korean Hand Tools - A factory producing various hand tools and equipment. The project included a Milling section, refinery, stamping area and a plastic injection section	Electrical Works of 6 MVA capacity including 11kv ; 3.3kV and 415V	Bulebel	510	Installation of Electrical services, site inspection and certification- Project Management of Electrical works
Engineers' Instruments – A factory producing veneer calipers, depth calipers and micrometers	Electrical Works of 3MVA capacity including 11kV and 415V installations	Swieqi	305	Design of Electrical services, site inspection and certification- Project Management of Electrical works
Hydraulic Units – A factory producing hydraulic parts for various equipment by utilizing six spindle lathes	Electrical Works of 4MVA capacity including 11kV and 415V installations	Swieqi	350	Electrical installations, site inspection and certification- Project Management of Electrical works
Malta Chocolate Factory – An annex of a factory producing chocolate bars and other related goods	Electrical Works of 1MVA capacity - 415V installations	Bulebel	120	Design of Electrical services, site inspection and certification- Project Management of Electrical works

**September 1973 - November 1975**

**Trainee Electrical Technician – Enemalta Corporation, Marsa, Malta**

- Traineeship in the Generating and Desalination Plant; Installation of MV / LV substations; Testing of electrical domestic, commercial and industrial installations
- Assisting the electrical fitters in the daily routine works in the installation of substations
- Assisting in the building of metering cubicles and protection systems
- Maintenance of HV switchgear and transformers
- Fault finding and repairs of electrical control systems in Power Generation equipment and systems
- Testing of electrical installations prior to connecting with the utility supply

**Other Appointments**

Part-time lecturer at the Technical Institute Paola, Malta, delivering lectures in Control Systems and Applications

Part-time lecturer at the Institute of Tourism Studies delivering lectures in Building Services Applications to Management students for eight years.

Visiting Verifier on behalf of City & Guilds of London Institute

The main role was to assess the teaching methodologies and auditing of technical standards at Technical Institutes in Malta and Libya.

Founder and President for three years, of the Electrical Contractors' Association (Malta)

Leading the Executive Committee and delivering seminars to members in BS7671 standards

**LANGUAGES**

Maltese (mother tongue); English -Very Good, Arabic- Good, Italian - Fair