



SIMON-RENFORD
GORDON



CURRICULUM VITAE

Mechanical Engineer

Professional Organisation: B Eng (hons) MIET (Institution of Engineering and Technology)

Contact: Technical Support Associates
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Profile:

Mechanical Design Engineer working in Building services. Responsible for ensuring the cost-effective, environmentally sound and sustainable design and maintenance of engineering services in buildings. Areas of accountability include all equipment and materials involved with heating, ventilation, air-conditioning, water supply, sanitation, public health, fire protection and safety systems.

Education, Qualifications, CPD and Training:

London Southbank University MSc Degree in Building Services Engineering	Sept 11-June 12
Continuing professional development (CPD) Inspections in complex buildings in reference to CIBSE TM44: Inspection of Air Conditioning Systems and the Occupational Standard (CIBSE)	June 2011
Kingston University BEng (Hons) Degree in Mechanical Engineering Design [Overall Grade: 2.1]	Sept 06-June 09
East Berkshire College BTEC National Diploma in Engineering [Overall grade: Merit/Merit/Pass] Keys skills level 2: Maths: Pass, Communications: Pass, ICT: Pass	Sept 03-June 06
Langley Academy GCSE's (EDEXCEL, ACA, OCR) [8 GCSE's levels A-C]	Sept 02-June03

Case studies:

Albrighton Community Centre
CA Fire – Circle Anglia
Cambridge Court
Circle 33
Cranmer Court
Rectory Housing
HSBC 8 Canada Square
HSBC Park Street

Anti-Scald Audits Merton
Cadogan Square
Castlewood Road
Commerzbank Gresham St
Harrow Central Mosque
Southwark Council
HSBC Griffin House
Network Rail

Projects:

Banks
Civic Buildings
Health Care Homes
Offices
Shopping Centres
Universities

Building Societies
Headquarter Buildings
Industrial Buildings
Schools
Shops
Domestic residents

Skills/Abilities:

- Negotiating and developing project contracts and agreeing these with clients, when working in a consultancy, and putting out tenders
- Commissioning, organising and assessing the work of contractors
- Working with detailed diagrams, plans and drawings
- Using specialist computer-aided design (CAD) software and other resources to design the systems required for the project
- Managing and forecasting spend, using whole life cycle costing techniques, ensuring that work is kept to budget
- Designing site-specific equipment as required
- Overseeing and supervising the installation of building systems and specifying maintenance and operating procedures
- Monitoring building systems and processes
- Making decisions about expired systems equipment and the appropriate location of new equipment
- Facilities management
- Liaising closely with other professionals, including structural engineers, builders, architects and surveyors, and in-house project teams
- Attending a range of project group and technical meetings
- Ensuring that the design and maintenance of building systems meets legislative and health and safety requirements
- Advising clients and architects on energy use and conservation in a range of buildings and sites, aiming to minimise the environmental impact and reduce the carbon footprint
- Working on a variety of projects within a short period of time
- Good knowledge and understanding of specialist software such as AutoCAD, SolidWorks, CYMAP (HVAC Design), iSBEM (EPC) and Autodesk Inventor
- Computer literate and conversant in the following applications: Microsoft Office, which consists of MS Word, MS Excel, MS PowerPoint, Internet

Interests:

My main hobbies are participating in sporting activities such as swimming, cycling and gym fitness. Apart from sporting activities, I take a keen interest in advancement in technology. With the current emphasis on sustainability, as a building services engineer I like to be aware of new innovations in designing, developing and managing new technologies that integrate into existing systems and services. I also enjoy reading and cooking.