



# Falkland Islands Government – Job Description

<b>Job Title:</b>	Estates Engineer (Mechanical) – Level 1		
<b>Department:</b>	Health & Social Services	<b>Section:</b>	Engineering
<b>Reports to:</b>	Estates and Engineering Manager		
<b>Grade:</b>	F (Succession Planned role)	<b>Job Code:</b>	213ME6

## Job Purpose

The primary responsibility of the postholder will be the maintenance, repairs and testing of the Hospital's Plant and systems across the spectrum of the KEMH Estate. Responsibility in these areas will proportionally increase as specific competences are achieved.

## Main Accountabilities:

### Development activities

As this is the first level of a succession planned role, the post holder will continually develop their skills and experience to enable them to apply their knowledge and competency across the spectrum of hospital engineering/mechanical systems to enable them to become capable of managing multiple tasks within different specialist areas simultaneously, and understand the impact of work and how this can affect other areas. The following list is not exhaustive but covers new systems and technologies which will be introduced in due course:-

- Decontamination Systems and equipment
  - Electrical Systems
  - Piped Medical Gas Systems
  - Fire Alarm System
  - Air Conditioning
  - Water Systems
  - Pressure Systems
  - Lift systems and equipment
  - Ventilation systems
  - Planet Facilities Management Computer System
  - Trend BMS (Computerized Building Management System)
  - Smart Lighting
  - Wireless Nurse Call
- Where appropriate, and with any necessary oversight/ prior training and instruction, perform work outside of the core discipline as a means to understand fully the relationship of other engineer's work to ensure the effective and efficient completion of tasks.
  - Participating in continuous improvement initiatives to ensure ongoing improvements by engineering team.

### Operational

Working within the parameters of the postholder's knowledge, skills and experience, the primary day to day operational tasks will involve:

- Carrying out any maintenance duties as requested by line management whilst complying fully with KEMH's Safety Standards and Procedures at all times to provide a safe environment for Patients, Visitors and Staff. The tasks will encapsulate all disciplines within hospital engineering, including emerging technologies as well as training in multiple mechanical systems.
- Carry out planned preventive maintenance tasks on equipment as determined by Line Management. Carry out work safely and in accordance with KEMH rules, policies and procedures, utilising safety equipment and protective clothing where appropriate.



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<b>Main Accountabilities continued:</b>			
<b>Operational</b> <ul style="list-style-type: none"><li>• With guidance from line management as necessary, conduct appropriate analysis, fault diagnosis and decision making in times of emergency, in high pressure situations, making justifiable decisions, prioritising own work and achieving the best and safest outcome to the satisfaction of the end users and the organisation.</li><li>• When suitably trained, assume responsibility and be accountable as the “Competent” person in relation to specified technical operational procedures such as Medical Gases, Electrical, Healthcare Water Safety, Lifts etc and take an active role in the interpretation of all-technical policies and guidelines drafting amendments.</li><li>• Provide input to Line Management for the continued development of the computerized asset / planned preventative maintenance / repair system.</li><li>• Enter data on Planned Preventative Maintenance (PPM) tasks on Computer Aided Facilities Management System as required.</li><li>• When required to do so, carry out unblocking/clearing of foul/surface water drains and pipes, sinks, baths and toilets etc.</li><li>• Advising line management regarding plant or equipment failures and when the Estimated Time Back On Line (ETBOL) will be.</li><li>• Carrying out any reasonable maintenance duties as requested, which may have to be conducted out of normal hours to suit equipment availability and site access.</li><li>• Once competent to do so, taking part in the ‘on- call’ rota for all aspects Hospital Engineering and in order to provide engineering support for Aeromed evacuations in cases of extreme emergencies where patients require to be medivaced to appropriate medical facilities in South America.</li><li>• Taking an active part of any boards, groups or committees as required.</li></ul>			
<b>Resource Management</b> <ul style="list-style-type: none"><li>• Undertaking the logistical resupply of equipment required for reactive repair as required.</li><li>• Under line management guidance, carrying out evaluations of existing plant and equipment and preparing risk based plans for the modification/upgrade/replacement of services and equipment.</li><li>• Liaising with management regarding plant or equipment failures and to request the supply of goods and / or services as necessary, as well as assisting with dealings with suppliers to obtain accurate details of parts numbers and pricing.</li><li>• Providing assistance with, and contributing to, the annual maintenance budget by identifying and co-ordinating maintenance routines in conjunction with line management.</li><li>• With guidance from line management as necessary, overcome workflow issues resulting from emergency clinical activity, to ensure critical maintenance is reorganised and planned in so equipment does not go out of date for planned maintenance.</li></ul>			
<i>The job description is not an exclusive or exhaustive definition of your duties. You shall undertake such additional or other duties as may reasonably be required by FIG commensurate with your role and grade.</i>			



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## Additional Information:

The KEMH, although on a small scale, would be considered as an acute hospital in the UK to which our standards are based. The maintenance required covers a broad spectrum of disciplines and the post holder will be required to demonstrate an ability to maintain, fault find and repair plant and equipment using appropriate skills and knowledge.

It is intended that the postholder will embark on a career development plan aimed at obtaining additional experience and training, normally over a 2 to 3 year period, in order to enable the post holder to gain further competence in specialist maintenance tasks and minor repair work on the building fabric, grounds, engineering plant and specialised hospital engineering services within the KEMH estate, as directed by Estates and Engineering Manager.

'On call' Areomed duties may require the emergency response team to spend 2 – 3 nights in South America. Training will be provided to ensure familiarity with the requirements of undertaking such activities. (NB If 'On- call' in this role, you may get as little as 20 minutes notice to come to work).

### **Criminal Record Checks – This post is regarded as a sensitive post**

All applicants for Government posts will be asked to disclose convictions upon application. Criminal records will only be considered for recruitment purposes when the conviction record is relevant. Having an 'unspent' conviction will not necessarily bar a candidate from employment. This will depend on the circumstances and background to the offence(s).

Any information given will be completely treated as confidential and will be considered only in relation to the post to which the application refers. Failure by a candidate to reveal information that is directly relevant to the post applied for will lead to the withdrawal of an offer of employment.



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<b>Person Specification:</b>	Estates Engineer (Mechanical) – Level 1		
Criteria	Essential	Desirable	Assessment Method
<b>Education and Qualifications</b>			
Professional knowledge acquired through an NVQ Level 3 (or equivalent) in a relevant subject or an equivalent level of qualification such as a City Guilds Technicians certification etc or 5 years relevant work experience carried out to an equivalent level of role to this one in the field of Mechanics / Plumbing / Building / Engineering.	✓		A
Current driving licence	✓		A
Evidence of ongoing personal and technical development	✓		A/I/R
Served a recognised trade apprenticeship	✓		A
Membership of relevant UK professional body (or international equivalent recognised by FIG for this purpose)		✓	A
Level 3 Medical Gases (Competent Person)		✓	A
Level 3 Water in Healthcare (Competent Person)		✓	A
Level 3 Healthcare HVAC systems (Competent Person)		✓	A
Level 3 SSD Equipment – Steriliser maintenance		✓	A
Level 3 SSD Equipment – Washer maintenance		✓	A
Level 3 SSD Equipment – Endoscopic re-processor maintenance		✓	A
Oil Fired Appliance Certificate (OFTEC)		✓	A
NB Equivalent combinations of educational qualifications and experience may be considered			
Knowledge, Skills and Experience:	Essential	Desirable	Assessment Method
Minimum of 5 years satisfactory work experience within a relevant trade field.	✓		A/I/R
A good knowledge of the spectrum of mechanical systems and capacity to manage multiple tasks within different specialist areas simultaneously and understand the impact of work and its effects on other areas.	✓		A/I/R
Able to effectively diagnose, analyse and repair faults on mechanical, plumbing and electrical plant and equipment.	✓		I/R
Ability to work unsupervised / organise workloads and demonstrate an ability to manage priorities and make safe and sound decisions under pressure.	✓		I/R



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<b>Person Specification:</b>	Estates Engineer (Mechanical) – Level 1		
Criteria	Essential	Desirable	Assessment Method
<b>Knowledge, Skills and Experience continued:</b>			
Excellent Manual Dexterity	✓		I/O
Able to communicate effectively both verbally and in writing with colleagues, specialist & non specialists, Contractors & suppliers.	✓		A/I/R
Able to effectively navigate mechanical and electrical control drawings, including hydraulics and pneumatics, as well as water systems.	✓		I/R
Proven ability to use Microsoft programs such as Office and the ability to plan and record maintenance data on relevant databases.	✓		A/I/R
Well-developed numeracy skills.	✓		A/I/R
Good interpersonal skills and the ability to build productive and professional working relationships with a range of stakeholders.	✓		I/R
Ability to work well within a small team.	✓		I/R
Able to understand and comply with the requirements of all operational Engineering and H&S policies and procedural requirements.	✓		I/R
Works to, and continually maintains, high engineering standards.	✓		I/R
Able to work safely in patient areas and be aware of appropriate demeanour towards hospital users and patients whilst carrying out day to day work.	✓		I/R
Ability to adapt quickly and effectively to new ideas, knowledge and skills and apply them effectively in the workplace	✓		I/R
Ability to adhere to and maintain strict confidentiality requirements at all times.	✓		I/R
Ability to use own initiative effectively and demonstrate sound judgement.	✓		I/R
Good time management skills.	✓		I/R
<b>Personal Attributes:</b>			
Service user and patient focused.	✓		I/R
Analytical mind and a good critical thinker.	✓		I/R
Supportive of colleagues and team focused.	✓		I/R
Able to satisfy the physical demands of the job.	✓		I/O



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<b>Person Specification:</b>	Estates Engineer (Mechanical) – Level 1		
Criteria	Essential	Desirable	Assessment Method
<b>Personal Attributes:</b>			
Self-motivated and able to deal with uncertainties and challenge.	✓		I/R
Resilient and able to work calmly under pressure.	✓		I/R

**Note to Applicants:** Please ensure that you demonstrate your ability to meet the requirements of the job by giving clear, concise examples of how you meet each criterion on your application form.

**Method of assessment:**

A – Application Form  
I - Selection Interview  
R – Reference  
O - Other