



DECONTAMINATION ENGINEER

INFORMATION FOR CANDIDATES

ABOUT THE TRUST

The Shrewsbury and Telford Hospital NHS Trust (SaTH) is the main provider of acute hospital services for around half a million people in Shropshire, Telford & Wrekin and mid Wales.

Encompassing some of the most picturesque parts of England and Wales, the Trust's catchment stretches from the Cambrian Mountains in the west, to Newport and the fringes of the Black Country in the east.

The main towns include: Bridgnorth, Ludlow, Market Drayton, Oswestry, Shrewsbury and Whitchurch (in Shropshire); Newport, Telford and Wellington (in Telford & Wrekin); and Newtown and Welshpool (in Powys) – all beautiful and unique.

Our main service locations are The Princess Royal Hospital (PRH) in Telford and The Royal Shrewsbury Hospital (RSH) in Shrewsbury which are located 20 minutes drive apart. Together they provide 99% of our activity. Both hospitals provide a wide range of acute hospital services including accident & emergency, outpatients, diagnostics, inpatient medical care and critical care.

We also provide services such as consultant-led outreach clinics at Telford, the Robert Jones and Agnes Hunt Orthopaedic Hospital, Gobowen and the Bridgnorth, Ludlow and Whitchurch Community Hospitals.

We employ more than 6,000 people, and hundreds of colleagues and students from other organisations also work in our hospitals. We benefit from around 1,000 wonderful volunteers, and our main charitable partners are the League of Friends at The Royal Shrewsbury Hospital, Friends of The Princess Royal Hospital, and the Lingen Davies Cancer Appeal which is based at The Royal Shrewsbury Hospital.



OUR VISION AND VALUES

The Shrewsbury and Telford Hospital NHS Trust is an organisation that strives to provide high quality, safe care for our patients in an environment which our staff are proud to work in

Our Vision:

“To provide excellent care for the communities we serve”

Our Values:



OUR VISION

We believe that by adhering to our Vision and working with our Values in mind we can behave in a way which will ensure the right results for the people that matter most – our patients and their families.

OUR VALUES

Our Trust Values provide a guide for our daily lives which we are all expected to uphold, both at work and when we are representing the Trust.

Our Values were developed by staff and our patients, so they represent what is important to us within the organisation and the way we should all behave towards patients, carers, visitors, partners and each other.

You will see our Values throughout the Trust; they are not just words on a page, they represent what we are about here at SaTH. We want patients and their families to say that the care and service they receive from all of us is consistently high-quality, safe, effective, and personalised, so the feelings behind the Values shouldn't come as a surprise to anyone working in the NHS.

The reason why it is important that they are clearly written down is, so we all know what's expected, and none of us are surprised if we are asked to explain any unacceptable behaviour. Ultimately, if we follow our Values, we will provide services that are better for our patients and better for each other.

COLLEAGUE BENEFITS

GENERAL

27 days annual leave entitlement at joining, increasing with length of service, plus 8 bank holidays

Flexible working policies

Generous maternity pay and 2 weeks full pay paternity leave

Colleague recognition scheme and long service awards

Option to buy and sell additional annual leave

Greener travel initiative, including cycle to work scheme and lift share

Childcare information and support available, including onsite nurseries

Discounted bus passes with Arriva

FINANCIAL

Access to various local and national discounts via various external websites

- Blue Light Card
- Health Service
- Discounts NHS

Generous Pension scheme

Access to a financial support booklet

Pre-retirement courses

Free Will writing service

Savings and Loan schemes

HEALTH AND WELLBEING

PSYCHOLOGICAL SUPPORT

- Coaching
- Mental Health First
- Aiders Chaplaincy

PHYSICAL SUPPORT

- Fast track physiotherapy service Free
- eye test vouchers

HEALTHY LIFESTYLES AND EMOTIONAL SUPPORT

- Slimming World referral scheme Staff
- cervical screening service Long Covid support
- Access to wellbeing/rest rooms
- Menopause support including advocates, webinars, toolkits, clinics, and bi-monthly meet ups Men's
- Health - Bi-monthly forums and men's MOT
- Sleep School Wellbeing Support

Discounts with local gyms

LEARNING AND DEVELOPMENT

COACHING AND MENTORING

Opportunities to grow, develop and perform at your best

LEADERSHIP ACADEMY

Leadership and management training for all levels of staff

ACCESS TO ELEARNING COURSES

Many eLearning modules to learn from with access available at home

APPRENTICESHIPS

There are a growing number of apprenticeship opportunities at SaTH across all disciplines

Secondment and acting-up opportunities

Support to complete qualifications such as NVQ, Masters etc. whilst on the job



JOB DESCRIPTION

Job Title	Decontamination Engineer
Band	Band 5 (subject to AfC evaluation)
Directorate	Estates Services
Accountable to	Decontamination Estates Officer Specialist
DBS Required?	Yes, Standard DBS

JOB OVERVIEW

The post holder will be required to carry out maintenance, validation and periodic testing of washer-disinfectors and sterilisers and associated equipment/infrastructure, including RO water plant within the Sterile Services Department (SSD), and as necessary, to work at other decontamination facilities within the Trust, such as those that support the Endoscopy and Pathology services. The post holder will be part of the Estates multi-disciplined team and should therefore be able to work as part of the team, but also have the ability to work alone and be an active member of the on-call team, which provides emergency cover outside of normal working hours.

The post holder will be required to act as the Competent Person (Decontamination) as defined in Health Technical Memorandum (HTM) 01-01: Management and decontamination of surgical instruments (medical devices) used in acute care.

The post holder will be required to carry out commissioning, quarterly and annual validations and maintenance on various types of decontamination equipment and carry out planned and reactive maintenance on all the electrical and mechanical plant that is part of the infrastructure of the SSD and Endoscopy units.

The post holder will ensure that all work is carried out to the highest possible standard and to fulfil the Trust's overall objectives and will ensure that the site and service requirements as defined in the Service Level Agreements between Estates and Sterile Services Department/ Endoscopy are adhered to at all times.

In addition, all work undertaken must comply with the relevant Health and Safety and Healthcare guidance and the post holder will be required to attend appropriate training courses to ensure that he/she is kept up to date with current statutory and mandatory regulations.

ORGANISATIONAL POSITION:

See attached part organisation chart in Appendix 1.

MAIN DUTIES AND RESPONSIBILITIES

To carry out the maintenance, validation, and periodic testing on various types of decontamination equipment in accordance with National and European standards.

Be an active member of the Estates team, and to be willing to support and assist work colleagues when requested, across a broad range of engineering services.

To work on a wide range of equipment and carry out the weekly, quarterly, annual and commissioning tests and ensure that all tests are carried out in accordance with European Standards and Health Technical Memorandum guidance, so as to ensure that the equipment is safe and reliable in use.

To interpret all chart recording results, including the preparation and presentation of detailed reports and documentation in accordance with EN and HTM requirements.

To interpret the results of the weekly, quarterly, annual and commissioning tests and to advise site management of the outcome, and any follow up action required.

The post holder has the freedom to act to ensure that the validation service is continuously provided and will use their own judgment to decide upon when to inform their line manager and/or 'Users' of any issues that may impact adversely on the SSD/ Endoscopy service.

To make informed use of detailed technical information provided by the Manufacturer's service manuals.

To carry out investigations and to repair and give advice on complex fault finding on decontamination equipment.

To inform users of faults, the action taken and to give advice on how to avoid re-occurrence.

To liaise with the Trust's Decontamination Lead and the 'Users' at the various decontamination facilities with regards to technical and operational problems on all types of decontamination equipment.

To undertake steam testing on decontamination equipment, to interpret results, compile reports and advise the 'Users' of the results.

To be responsible for the planning of own work schedule and to ensure that all sites visited are serviced, validated and reports prepared within the time period of the EN and HTM standards.

To be able to use a wide range of calibration equipment and to ensure that all test equipment is calibrated to within the EN and HTM guidance before and after testing.

Complete weekly, quarterly, and annual logbooks and/or validation reports and to advise the 'Users' of the results.

The post holder must be able to assist in the development of protocols and methodologies for the testing of new equipment or products.

Uses the Trust's Micad CAFM system for work planning and other estates management activities and completes site report forms for 'User' and Estates use, ensuring a full description of the work carried out.

The need to be physically fit is required, as there is often the requirement to lift and transport heavy items of equipment.

Is prepared to carry out work for prolonged periods in areas with excess heat.

The need for a full driving license is required as is the flexibility to work at the SSD based at Queensway and to attend other Hospital sites when required.

To feedback on all matters affecting the quality of service offered by Estates by the effective use of hand-held tablets linked to the Micad CAFM system.

The post holder will participate in the Estates On-Call system and respond to out of hour's emergency calls from the On-Call Manager, taking appropriate action to make safe or repair equipment and engineering services, including communicating and advising those affected by the breakdown or incident i.e., staff, patients, visitors, and emergency services.

It is the responsibility of the post holder to ensure that all duties are carried out to the appropriate professional standards, and in accordance with the Trust quality assurance procedures, and record-keeping requirements.

PERSONAL CHARACTERISTICS

This post requires a person who can be flexible, and work in a reactive and sometimes demanding role, carrying out a wide range of duties associated with the upkeep and testing of decontamination equipment.

You will be working with 'Users/Operators' of decontamination equipment, and you must always maintain a professional approach.

You should be able to read and interpret technological drawings and manuals relating to decontamination equipment.

You must be willing to attend training courses as and when required, and are required to comply with all health and safety provisions covering all aspects of your work, which include:

- Control of Substances Hazardous to Health Regulations.
- Provision and Use of Work Equipment Regulations.
- Workplace Health Safety and Welfare Regulations.
- Electricity at Work Act, Manual Handling Regulations.
- Noise at Work Regulations.

- Data Protection Act.
- Personal Protective Equipment Regulations.

SYSTEMS AND EQUIPMENT (Lists are not exhaustive)

Scope of Decontamination Equipment

- Washer disinfectors
- Automatic Endoscope Reprocessors
- Porous load sterilisers
- Unwrapped bowl and instrument sterilisers
- Ultrasonic cleaners
- Vacuum benchtop sterilisers
- Bed Pan washer disinfectors
- Automatic Endoscope Re-processors

Scope of Engineering Services

- Specialist ventilation systems
- Water treatment plant
- Steam raising equipment
- Electrical distribution systems
- Emergency lighting systems
- Fire alarm detection systems
- Emergency standby systems e.g., generators.

DECISIONS, JUDGEMENTS AND FREEDOM TO ACT

To work with a large degree of autonomy, in conjunction with periodic reporting to the post holder's line manager.

Although you will be working to ensure compliance to relevant standards and prescribed procedures/protocols there will be many occasions when you will be expected to show initiative when dealing with unexpected situations.

Is accountable for own work area and all significant decisions affecting the equipment under his/her control, liaising with the 'Users' and post holder's line manager regarding any potential impact on SSD/Endoscopy service continuity, including any issues having wider implications for services across the Trust.

COMMUNICATION AND RELATIONSHIPS

Maintains effective systems of communication, written and verbal, formal and informal, within the Operational Estates function, and with the equipment 'Users.'

Receives information in respect of the Operational Estates function and disseminates this to other team members as appropriate.

Presents written and verbal reports as directed in relation to Operational Estates activities at team meetings.

Maintains communication with external professional bodies to ensure that professional knowledge is accessed and disseminated within the Estates Department.

PHYSICAL, MENTAL AND EMOTIONAL DEMANDS OF THE POST

Required to travel regularly between Queensway, RSH and PRH sites to undertake decontamination work and testing and validation services, and for attendance at meetings as necessary.

The work can be physically demanding, and you should be prepared to enter confined spaces, combined with high ambient temperatures.

You may be called upon to work in areas such as theatres, mortuary, or various premises where you may be exposed to distressing circumstances, and you will need to adhere to local safety and access policies.

You will be called upon to work in laboratory and biological hazardous premises and you must be familiar with and adhere to the strict working protocols which are in place, and the potential need to use PPE.



PERSON SPECIFICATION

The following pages contain a description of the qualifications, skills, experience, knowledge and other attributes a candidate should ideally possess to successfully perform this role.

QUALIFICATIONS

ESSENTIAL	DESIRABLE
<ul style="list-style-type: none"> Completed recognised apprenticeship in relevant base trade. B/TEC (HNC/HND) or equivalent relevant experience. Demonstrable ability to interpret & fault find on a device range of complex electrical/mechanical systems and installations Health and Safety Qualifications or modules of technical qualifications (IOSH One Day Working Safely, CSCS Bronze card minimum), or agree to carry out the training. 	

EXPERIENCE AND KNOWLEDGE

ESSENTIAL	DESIRABLE
<ul style="list-style-type: none"> Significant in depth experience post apprenticeship. A clear understanding of health and safety procedures in theory and practical application. Installation and/or engineering maintenance experience in an industrial, domestic or commercial setting. 	<ul style="list-style-type: none"> Relevant experience of NHS hospital environment. Substantial experience and knowledge of the maintenance, testing, validation and commissioning of decontamination equipment, including sterilisation and decontamination processes. PLC knowledge and experience

SKILLS

ESSENTIAL	DESIRABLE
<ul style="list-style-type: none"> • Ability to interpret & work from drawings & specifications. • Demonstrable knowledge of other crafts. • Ability to communicate clearly and effectively with others, mainly verbally & in writing. • Demonstrable competence in dealing with difficult and/or stressful circumstances. • Ability to instruct others on his/her work. • Ability to work without supervision • Awareness of limits of own knowledge and ability/willingness to seek guidance and support. • A willingness to work flexibly and in a versatile manner to cover maintenance on a wide variety of plant & equipment. • Ability to work on own initiative and as part of a team. • Ability to prioritise own work. • A willingness to demonstrate reliability & flexibility in their contribution to service delivery in the face of changing service demands. • A focus on customer service • Willing to undertake training relevant to the post. • Willing to engage in new and innovative working practices to improve the service. • A commitment to own continuous personal development. • Basic IT skills e.g. use of hand-held tablets or willing to learn 	

OTHER

ESSENTIAL	DESIRABLE
<ul style="list-style-type: none">• Participation in on-call system.• Ability to travel as necessary to meet the requirements of the role.• Ability and willingness to undertake all duties as detailed in the job description.	<ul style="list-style-type: none">• Ability to work overtime.

GENERAL CONDITIONS

As they undertake their duties, all our people are required to uphold and demonstrate the Trust's core values of: Partnering, Ambitious, Caring and Trusted. Collaboration and partnership are also central to our approach in delivering our fundamental activities of patient care, teaching, and research.

HEALTH & SAFETY

As an employee of the Trust, you have a responsibility to:

- take reasonable care of your own Health and Safety and that of any other person who may be affected by your acts or omissions at work; and
- co-operate with the Trust in ensuring that statutory regulations, codes of practice, local policies and departmental health and safety rules are adhered to; and
- not intentionally or recklessly interfere with or misuse anything provided in the interests of health and safety

INFECTION PREVENTION AND CONTROL (IPC)

The prevention and management of acquired infection is a key priority for the Trust. As an employee of the Trust, you have a responsibility to:

- ensure that your work methods are compliant with the Trust's agreed policies and procedures and do not endanger other people or yourself; and
- be aware of infection prevention and control policies, practices, and guidelines appropriate for your duties and you must follow these at all times to maintain a safe environment for patients, visitors and colleagues; and
- maintain an up-to-date knowledge of infection prevention and control, policies, practices, and procedures through attendance at annual mandatory updates and ongoing continuing professional development; and
- challenge poor infection prevention and control practices of others and to report any breaches, using appropriate Trust mechanisms (e.g. incident reporting policy)

INFORMATION GOVERNANCE AND CYBER SECURITY

The Trust is committed to compliance with Information Governance standards to ensure that all information is handled legally, securely, efficiently, and effectively. You are required to comply with the Trust's Information Governance policies and standards.

- Confidentiality and Security - Your attention is drawn to the confidential nature of information collected within the NHS. Whilst you are employed by the Trust you will come into contact with confidential information and data relating to the work of the Trust, its patients or employees. You are bound by your conditions of service to respect the confidentiality of any information you may come into contact with which identifies patients, employees or other Trust personnel, or business information of the Trust. You also have a duty to ensure that all confidential information is held securely at all times, both on and off site.
- Disclosure of Information - To ensure that information is only shared with the appropriate people in appropriate circumstances, care must be taken to check the recipient has a legal basis for access to the information before releasing it. Upon leaving the Trust's employment and at any time thereafter you must not take advantage of or disclose confidential information that you learnt in the course of your employment, to protect yourself and the Trust from any possible legal action.
- Information Quality and Records Management - You must ensure that all information handled by you is accurate and kept up-to-date and you must comply with the Trust's recording, monitoring, validation and improvement schemes and processes.

PROFESSIONAL STANDARDS AND PERFORMANCE REVIEW

As an employee of the Trust, you have a responsibility to:

- participate in continuous personal development including, statutory and mandatory training as appropriate for the post; and
- maintain consistently high personal and professional standards and act in accordance with the relevant professional code of conduct; and
- take responsibility for the maintenance and improvement of personal and professional competence and to encourage that of colleagues and subordinates

SAFEGUARDING CHILDREN AND VULNERABLE ADULTS

We all have a personal and a professional responsibility within the Trust to identify and report abuse.

As an employee of the Trust, you have a responsibility to ensure that:

- you are familiar with and adhere to the Trusts Safeguarding Children procedures and guidelines
- you attend safeguarding awareness training and undertake any additional training in relation to safeguarding relevant to your role

SOCIAL RESPONSIBILITY

The Trust is committed to behaving responsibly in the way we manage transport, procurement, our facilities, employment, skills, and our engagement with the local community so that we can make a positive contribution to society. As an employee of the Trust, you have a responsibility to take measures to support our contribution and to reduce the environmental impact of our activities relating to energy and water usage, transport and waste.

CONTINUOUS IMPROVEMENT

The Shrewsbury and Telford Hospital NHS Trust is committed to creating a culture that puts Continuous Improvement at the forefront of our transformational journey and our aim is to empower colleagues at all levels have the confidence, capability, passion, and knowledge, to test changes and make improvements at SaTH and in the communities we serve.

Following a successful five-year partnership with the Virginia Mason Institute in the USA, SaTH continues to further develop and embed the Trust's approach to Continuous Improvement at all levels of the organisation. You will be supported by an Improvement Hub, which will provide the necessary expertise to support you make improvements, while also providing training at various stages of your time at SaTH, as part of your continuing professional development.

EQUAL OPPORTUNITIES AND DIVERSITY

The Shrewsbury and Telford Hospital NHS Trust is striving towards being an equal opportunities employer. No job applicant or colleague will be discriminated against on the grounds of race, colour, nationality, ethnic or national origin, religion or belief, age, sex, marital status or on the grounds of disability or sexual preference.

Selection for training and development and promotion will be on the basis of an individual's ability to meet the requirements of the job.

The Shrewsbury and Telford Hospital NHS Trust the post-holder will have personal responsibility to ensure they do not discriminate, harass, bully, or contribute to the discrimination, harassment or bullying of a colleague or colleagues, or condone discrimination, harassment or bullying by others.

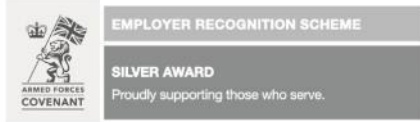
The post-holder is also required to co-operate with measures introduced to ensure equality of opportunity.

NO SMOKING POLICY

The Trust is a no smoking/e-cigarette/vaping organisation except for designated external areas, in accordance with Trust Policy.

MISCELLANEOUS

This job description is an outline of the key tasks and responsibilities of the post and is not intended to be an exhaustive list. The job may change over time to reflect the changing needs of the Trust and its services as well as the personal development.



Proud to have signed
The Pregnancy
Loss Pledge





The Royal Shrewsbury Hospital

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Shrewsbury

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Getting to The Royal Shrewsbury Hospital

The Princess Royal Hospital

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Minicom: 01952 641222 Ext: 4995

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The Princess Royal Hospital

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Getting to The Princess Royal Hospital