



Public – To be published on the Trust external website

Mechanical and Pressure Systems Safety Policy

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1 Introduction

The Trust accepts its responsibility under the Health and Safety at Work Act 1974 (HASWA), the Management of Health and Safety at Work Regulations 1999 (MHSW), Provision and Use of Work Equipment Regulations 1998 (PUWER).

The Trust implements best practice for pressure systems safety by following the principals and recommendations of The Pressure Systems Safety Regulations 2000, associated guidance documents HSG253: Safe Isolation of Plant and Equipment and L122: Pressure Systems Safety Regulations 2000 Approved Code of Practice and Guidance.

2 Why we need this policy

2.1 Purpose

This policy will ensure Mechanical and Pressure systems are constructed and maintained so as to prevent danger to patients, staff and visitors whilst on Trust premises by implementing the duties set out under the Mechanical and Pressure Systems Safety Rules and Procedures (MSRP), Pressure Systems Safety Regulations 2000, associated guidance documents HSG253: Safe Isolation of Plant and Equipment and L122: Pressure Systems Safety Regulations 2000 Approved Code of Practice and Guidance.

2.2 Objectives

The objective of this Policy is to provide an overview of the Trusts aims relating to Mechanical and Pressure Systems, around which a safe and healthy working environment can be maintained.

It is the policy of the Trust to place great importance on the health and safety of its employees and others, and it considers this to be a managerial function equal to that of any other responsibility.

The Trust will take steps, so far as is reasonably practicable, to meet all its health and safety responsibilities in relation to mechanical and pressure systems, in accordance with the:

- Health and Safety at Work etc Act:
 - The safe provision and maintenance of all plant, equipment and systems of work (accommodated in the Trust's Mechanical and Pressure Systems Safety Rules and Procedures document)

- Suitable and sufficient information, instruction, training and supervision to enable its employees to identify hazards and avoid risks, therefore contributing to their own health and safety at work
 - A safe and healthy working environment, and safe access to, and egress from it
 - A safe system of work procedure
- Management of Health and Safety at Work Regulations:
 - An assessment of hazards and risks, and the implementation of appropriate control measures
 - The appointment of personnel to manage the safe system of work
- Pressure Systems Safety Regulations 2000:
 - Ensuring all Pressure Systems comply with legislative requirements relating to operation (competent operators) and inspection/maintenance
 - Ensuring Pressure Systems are inspected in accordance with the Written Scheme of Examination (where applicable)
- Provision and Use of Work Equipment Regulations:
 - Carry out risk assessment of work equipment and provide work equipment that is suitable for its intended task and that can be used without putting persons at risk.
- Confined Space Regulations, by identifying all confined spaces and thus providing:
 - A safe system of work procedure
 - Appointed individuals to implement and carry out the safe system of work
- Electricity at Work Regulations, by identifying all electrical areas associated with mechanical and pressure systems and thus providing:
 - A safe system of work procedure
 - Appointed individuals to implement and carry out the safe system of work

3 Scope

Compliance with this Policy and the Mechanical and Pressure Systems Safety Rules and Procedures (MSRP) is mandatory for all persons working on, testing or inspecting mechanical pressure systems under the control of the Trust from their initial specification and design through their installation to their eventual operation.

3.1 Roles and responsibilities

The Trust will ensure that all personnel will be made aware of their individual obligations by the line management and will be encouraged to contribute actively to safety management, subject to their own competency and appointment level.

The following personnel have been identified to be involved in the process relating to mechanical and pressure systems:

Role	Responsibility
Chief Executive - Designated Person	<ul style="list-style-type: none"> The Designated Person (DP) for the purpose of this policy, is a senior member of the Trust who provides the essential senior management link between the Board, and the Trust at the operational level, and with professional support. The DP will work closely with the Senior Operational Manager to ensure that provision is made to adequately support the requirements of this policy. The DP will provide an informed position at board level, and be responsible for the formation and management of the Mechanical and Pressure Systems Working Group
Mechanical and Pressure Systems Working Group	<ul style="list-style-type: none"> The Mechanical and Pressure Systems Safety Group (MPSWG) is a multidisciplinary group formed by the DP to oversee the management of statutory and mandatory compliance of, and safe systems of work, in relation to Mechanical and Pressure Systems. The aim of the MPSWG is, in relation to mechanical and pressure systems plant and equipment, to ensure the safety, integrity and good operational state of mechanical and pressure plant and equipment, and thereby the safety of staff, contractors, patients, visitors and members of the public
Senior Operational Manager	<ul style="list-style-type: none"> The Senior Operational Manager (SOM) will have operational and professional responsibility for mechanical and pressure systems for the Trust. The SOM has access to robust, service-specific professional support which can promote and maintain the role of the “informed client” within the healthcare organization. This will embrace both the maintenance and development of service-specific improvements, and third-party demarcations. This post will be the direct liaison between the AE and the Trust.
Estates Team	<ul style="list-style-type: none"> The Estates Team will operate, maintain, repair (or arrange by contract) the mechanical and pressure systems and equipment within the Trust. They will ensure that staff are competent to operate, maintain and repair the mechanical and pressure systems and equipment.

Authorising Engineer	<ul style="list-style-type: none"> The Authorising Engineer (AE) is an independent, external authority, formally appointed by the DP whose role is to implement, administer, monitor, and audit the Mechanical and Pressure Systems Safety Rules and Procedures.
Authorised Person	<ul style="list-style-type: none"> The Authorised Person (AP) is formally appointed by the DP (on recommendation of competency by the AE) and makes a mechanical and pressure system safe to work on (as far as reasonably practicable) and gives authority to the Person in Charge and Work Team to work on systems or equipment.
Person in Charge	<ul style="list-style-type: none"> The Person in Charge (PiC) is a person who has been assessed as a Skilled Person and is in receipt of written work authority from the relevant AP (by the issue of a safety document). The PiC (Skilled Person) is responsible for directly controlling or carrying out the work on mechanical and pressure systems and equipment.
Work Team	<ul style="list-style-type: none"> The Work Team is a team of competent individuals who may be permitted to work on equipment under a Person in Charge (PiC) (Skilled Person), or under risk assessments and method statements.
Projects Teams	<p>Projects Teams will be responsible for:</p> <ul style="list-style-type: none"> Complying with all statutory requirements during design, construction and handover of mechanical and pressure systems and equipment, particularly the Pressure Systems Safety Regulations 2000 and HSG 253, the Safe Isolation of Plant and equipment Liaising with the Estates Team during design, construction and handover to ensure new, or additions to existing, systems, are suitable for operation and maintenance by the Estates Team Ensuring that on handover of mechanical and pressure systems, addition to systems, or equipment, all required operation, maintenance and statutory information is

	<p>supplied to the Estates Staff, or that existing information is reviewed and updated as appropriate.</p>
<p>Contractors</p>	<p>Contractors will be responsible for:</p> <ul style="list-style-type: none"> • Notifying the Estates Team of any problems, issues or failures of existing mechanical and pressure systems under their area of control • Notifying the Estates Team of their intent to procure any mechanical and pressure systems or equipment (e.g., air compressors, steam equipment) • Notifying the Estates Team of any mechanical and pressure systems or equipment that is in their area of control but is not on the Trust planned preventative maintenance schedule • Ensuring that risk assessments and operational instructions are available for mechanical and pressure systems under their control • Ensuring that their staff who operate the mechanical and pressure systems or equipment under their control are competent to do so.

4 Compliance

To ensure safety compliance of the mechanical and pressure systems the Trust will carry out auditing and monitoring of the mechanical and pressure systems process which will be formally recorded to measure the success of the implementation of this policy, and to ensure:

- This Policy and the Mechanical and Pressure Systems Safety Rules and Procedures (MSRP) remain current, compliant, and valid, and to review and make changes where required.
- The correct implementation and operation of the MSRP, in order to ensure the safety of staff, contractors, patients, visitors and members of the public) and to ensure legal compliance.
- The correct operation, maintenance and record keeping of mechanical and pressure systems.
- The continued competence of Appointed (for example Boiler Operators and Skilled Persons) and Authorised Persons.
- The working practices of those working on mechanical and pressure systems remain safe and legally compliant

This policy statement will be reviewed on a Two-Yearly basis, by the Mechanical and Pressure Systems Safety Group, to ensure that the policy remains relevant and effective; other reviews will be accommodated by review accordingly (for example as a result of possible changes in legislation, guidance and societal expectations, or of safety alerts, incident or accident report findings).

5 General Mechanical Work on Mechanical and Pressure systems

Work on mechanical and pressure systems equipment must be planned both in advance and as the work progresses. When planning works, the MSRP should be adhered to, in order to ensure the safety of all personnel involved in the work being carried out. The following factors will be considered:

- Planned Work **Must** be submitted to the Mechanical and Pressures Systems Safety Group prior to work commencing for Approval
- the work to be done.
- the hazards of the system or equipment to be worked on.
- the people doing the work and the level of supervision necessary.
- the precautions to be taken; and
- the system of work to be employed.

6 Notification

Any work on Mechanical and Pressure systems equipment that may have an effect on clinical or safety critical systems must be notified to the Authorised Person in advance as per the MSRP.

Notifications will set out:

- Planned Work **Must** be submitted to the Mechanical and Pressures Systems Safety Group prior to work commencing for Approval
- the work to be carried out;
- the effect that it will have; and
- the duration of the work.
- Authorised Person must ensure that notification is sent to any department, or contractor who may be affected by the work.

7 Related documents

- Health & Safety Policy Ref: HS-0001

- Control of Contractors Health and Safety Procedure Ref: HS-0001-025
- Provision and use of Work Equipment Regulations (PUWER) Procedure Ref: HS-0001-024
- TEWV Mechanical and Pressure Systems Safety Rules and Procedures document (Estates internal)

8 Commitment to Training

The Trust aims to continually promote and develop a pro-active Mechanical and Pressure Systems regime by:

- Providing relevant information, instruction and training for all employees as in **Mechanical and Pressure Systems Safety Rules and Procedures (MSRP)**

Implementing safe work-place Policies and rigorous maintenance routines for all Mechanical Pressure systems.

Staff/Professional Group	Type of Training	Duration	Frequency of Training
Authorised Person	Attendance on an approved training course	3-4 days	3 years
Competent Person	Attendance on an approved training course	1-2 days	3 years
Authorised Persons & Competent Persons	Attendance on an Approved Emergency First Aid At Work, First Aid Course	1 Day	3 years

9 How the implementation of this policy will be monitored

Number	Auditable Standard/Key Performance Indicators	Frequency/Method/Person Responsible	Where results and any Associate Action Plan will be reported to, implemented and monitored; (this will usually be via the relevant Governance Group).
1	<p>Audit of the mechanical and pressure systems, safety rules and procedures implemented across the Trust sites and external properties to assess compliance with the</p> <ul style="list-style-type: none"> • Mechanical and Pressure Systems, Safety Rules & Procedures (MSRP) • Health and Safety at Work Act 1974 (HSAWA) • Management of Health and Safety at Work Regulations 1999 (MHSW) • Provision and Use of Work Equipment Regulations 1998 (PUWER) • Pressure Systems Safety Regulations 2000 • HSG253: Safe Isolation of Plant and Equipment • L122: Pressure Systems Safety Regulations 2000 Approved Code of Practice and Guidance. 	<p>Frequency = Annual Method = Audit Site Inspection & Inspection of Records etc. Responsible = A.E Mechanical and Pressures Systems</p>	<p>Mechanical and Pressures Systems Safety Group, Estates Manager, Health & Safety Team, Compliance Team</p>
2	<p>Authorising Engineer (AE) Report</p>	<p>Frequency = Quarterly Method = Action Plan</p>	<p>Mechanical and Pressures Systems Safety Group, Estates Manager, Compliance Team</p>

		Responsible = AP	
4	Performance gaps and overdue actions identified in CAFM	Frequency = Quarterly Method = Performance report Responsible = Compliance Team from CAFM data	Mechanical and Pressures Systems Safety Group, Estates Management, IPC Team, Compliance Team
3	Training, competence and appointments including: APs (Mech) SkPs (Mech)	Frequency = Quarterly Method = Report Responsible = AP, AE, SkPs	Mechanical and Pressures Systems Safety Group

10 References

- Health and Safety at Work Act 1974 (HASWA)
- Management of Health and Safety at Work Regulations 1999 (MHSW)
- Provision and Use of Work Equipment Regulations 1998 (PUWER).
- The Pressure Systems Safety Regulations 2000 and associated guidance documents:
 - HSG253: Safe Isolation of Plant and Equipment
 - L122: Pressure Systems Safety Regulations 2000 Approved Code of Practice and Guidance.
- This list is not exhaustive

11 Document control (external)

To be recorded on the policy register by Policy Coordinator

Required information type	Information
Date of approval	03 March 2026
Next review date	03 March 2029
This document replaces	HS-0019-v1 Mechanical and pressure systems safety policy

This document was approved	Mechanical and Pressures Systems Safety Group. 18 December 2025
This document was approved	Estates Facilities Management Directorate Management Team meeting 14 January 2026
This document was approved	Health, Safety, Security and Fire Group (Virtual approval) 26 January 2026
This document was ratified by	Executive Directors Group
This document was ratified	03 March 2026
An equality analysis was completed on this policy on	02 February 2026
Document type	Public
FOI Clause (Private documents only)	n/a

Change record

Version	Date	Amendment details	Status
2	03 Mar 2026	Full review with extensive changes throughout. This policy has been condensed; procedural information has been removed and added to estates internal document: Mechanical and Pressure Systems Safety Rules and Procedures document	Approved pending ratification

Appendix 1 - Equality Impact Assessment Screening Form

Please note: The [Equality Impact Assessment Policy](#) and [Equality Impact Assessment Guidance](#) can be found on the policy pages of the intranet

Section 1	Scope
Name of service area/directorate/department	Estates
Title	Mechanical And Pressure Systems Safety Policy
Type	Policy
Geographical area covered	Trustwide
Aims and objectives	<p>The objective of this Policy is to provide an overview of the Trusts aims relating to Mechanical and Pressure Systems, around which a safe and healthy working environment can be maintained.</p> <p>It is the policy of the Trust to place great importance on the health and safety of its employees and others, and it considers this to be a managerial function equal to that of any other responsibility.</p> <p>The Trust will take steps, so far as is reasonably practicable, to meet all its health and safety responsibilities in relation to mechanical and pressure systems, in accordance with the:</p> <ul style="list-style-type: none"> • Health and Safety at Work etc Act: <ul style="list-style-type: none"> o The safe provision and maintenance of all plant, equipment and systems of work (accommodated in the Trust Mechanical and Pressure Systems Safety Rules and Procedures document) o Suitable and sufficient information, instruction, training and supervision to enable its employees to identify hazards and avoid risks, therefore contributing to their own health and safety at work o A safe and healthy working environment, and safe access to, and egress from it o A safe system of work procedure • Management of Health and Safety at Work Regulations:

	<ul style="list-style-type: none"> o An assessment of hazards and risks, and the implementation of appropriate control measures o The appointment of personnel to manage the safe system of work • Pressure Systems Safety Regulations 2000: <ul style="list-style-type: none"> o Ensuring all Pressure Systems comply with legislative requirements relating to operation (competent operators) and inspection/maintenance o Ensuring Pressure Systems are inspected in accordance with the Written Scheme of Examination (where applicable) • Provision and Use of Work Equipment Regulations: <ul style="list-style-type: none"> o Carry out risk assessment of work equipment and provide work equipment that is suitable for its intended task and that can be used without putting persons at risk. • Confined Space Regulations, by identifying all confined spaces and thus providing: <ul style="list-style-type: none"> o A safe system of work procedure o Appointed individuals to implement and carry out the safe system of work • Electricity at Work Regulations, by identifying all electrical areas associated with mechanical and pressure systems and thus providing: <ul style="list-style-type: none"> o A safe system of work procedure o Appointed individuals to implement and carry out the safe system of work • Confined Spaces Regulations, by identifying all confined spaces associated with mechanical and pressure systems and thus providing: <ul style="list-style-type: none"> o A safe system of work procedure o Appointed individuals to implement and carry out the safe system of work
<p>Start date of Equality Analysis Screening</p>	<p>08 Aug 2025</p>
<p>End date of Equality Analysis Screening</p>	<p>02 Feb 2026</p>

Section 2	Impacts
<p>Who does the Policy, Procedure, Service, Function, Strategy, Code of practice, Guidance, Project or Business plan benefit?</p>	<p>Patients, families, staff and visitors</p>
<p>Will the Policy, Procedure, Service, Function, Strategy, Code of practice, Guidance, Project or Business plan impact negatively on any of the protected characteristic groups? Are there any Human Rights implications?</p>	<ul style="list-style-type: none"> • Race (including Gypsy and Traveller) NO • Disability (includes physical, learning, mental health, sensory and medical disabilities) NO • Sex (Men and women) NO • Gender reassignment (Transgender and gender identity) NO • Sexual Orientation (Lesbian, Gay, Bisexual, Heterosexual, Pansexual and Asexual etc.) NO • Age (includes, young people, older people – people of all ages) NO • Religion or Belief (includes faith groups, atheism and philosophical beliefs) NO • Pregnancy and Maternity (includes pregnancy, women / people who are breastfeeding, women / people accessing perinatal services, women / people on maternity leave) NO • Marriage and Civil Partnership (includes opposite and same sex couples who are married or civil partners) NO • Armed Forces (includes serving armed forces personnel, reservists, veterans and their families) NO • Human Rights Implications NO (Human Rights - easy read)
<p>Describe any negative impacts / Human Rights Implications</p>	<p>n/a</p>
<p>Describe any positive impacts / Human Rights Implications</p>	<p>Protects all persons from hazards associated with pressure systems regardless of protected characteristics</p>

Section 3	Research and involvement
What sources of information have you considered? (e.g. legislation, codes of practice, best practice, nice guidelines, CQC reports or feedback etc.)	See references
Have you engaged or consulted with service users, carers, staff and other stakeholders including people from the protected groups?	Yes, pressure systems group (including external Authorising Engineer)
If you answered Yes above, describe the engagement and involvement that has taken place	pressure systems group (including external Authorising Engineer)
If you answered No above, describe future plans that you may have to engage and involve people from different groups	All staff consultation for this new policy document

Section 4	Training needs
As part of this equality impact assessment have any training needs/service needs been identified?	No
Describe any training needs for Trust staff	n/a
Describe any training needs for patients	n/a
Describe any training needs for contractors or other outside agencies	n/a

Check the information you have provided and ensure additional evidence can be provided if asked.

Appendix 2 – Approval checklist

To be completed by lead and attached to any document which guides practice when submitted to the appropriate committee/group for consideration and approval.

Title of document being reviewed:	Yes / No / Not applicable	Comments
1. Title		
Is the title clear and unambiguous?	Y	
Is it clear whether the document is a guideline, policy, protocol or standard?	Y	
2. Rationale		
Are reasons for development of the document stated?	Y	
3. Development Process		
Are people involved in the development identified?	Y	
Has relevant expertise has been sought/used?	Y	
Is there evidence of consultation with stakeholders and users?	y	All staff consultation and pressure systems group/Health, Safety, Security and Fire Group/ Estates & Facilities Directorate Management Team meeting
Have any related documents or documents that are impacted by this change been identified and updated?	n/a	
4. Content		
Is the objective of the document clear?	Y	
Is the target population clear and unambiguous?	Y	
Are the intended outcomes described?	Y	
Are the statements clear and unambiguous?	Y	
5. Evidence Base		

Is the type of evidence to support the document identified explicitly?	y	
Are key references cited?	Y	
Are supporting documents referenced?	Y	
6. Training		
Have training needs been considered?	Y	
Are training needs included in the document?	Y	
7. Implementation and monitoring		
Does the document identify how it will be implemented and monitored?	Y	
8. Equality analysis		
Has an equality analysis been completed for the document?	Y	
Have Equality and Diversity reviewed and approved the equality analysis?	Y	02/02/2026 Approved
9. Approval		
Does the document identify which committee/group will approve it?	Y	18/12/2025 - Approved by Mechanical and Pressures Systems Safety Group. 14/01/2026 - Estates & Facilities Directorate Management Team meeting Approved. 26/01/2026 – Approved by Health, Safety, Security and Fire Group.
10. Publication		
Has the policy been reviewed for harm?	y	no harm
Does the document identify whether it is private or public?	y	public
If private, does the document identify which clause of the Freedom of Information Act 2000 applies?	n/a	

11. Accessibility (See intranet accessibility page for more information)		
Have you run the Microsoft Word Accessibility Checker? (Under the review tab, 'check accessibility'. You must remove all errors)	Y	
Do all pictures and tables have meaningful alternative text?	Y	
Do all hyperlinks have a meaningful description? (do not use something generic like 'click here')	Y	