



O. Heap & Son (Derby) Limited
 New Chandos House Unit 10 Westside Park
 Derby
 DE21 7AZ
 Telephone: 01332366721

MD081/2025 Inspection & Testing of Dry Riser Systems

Site address:	Any customer site where dry risers are present	Principal contractor	N/A
Client name	N/A	Principal designer	N/A
Location of works	Any customer site where dry risers are present	Document created	31/03/25
Start date	31/03/25	Document created by	Iain Wishlade
End date	31/03/26	Client address	N/A
		Site supervisor	Technician Working Alone

1. Description of work

This method statement relates to visual inspection and (if applicable) testing of dry riser systems at all customer sites where such work is required.

2. Sequence of events

2.1 Arrival On Site

Attend site and report to the responsible person/s upon arrival.

Sign in to the contractor register and attend any required site induction.

2.2 Inspection and Testing of Dry Risers

- Carry out a visual inspection of all components to ensure that none are missing or damaged.
- Ensure that all valves can be operated freely and effectively.
- Carry out any lubrication or adjustment as required using hand tools.

If pressure testing is required:

- Working areas must be properly cordoned off in case of any escape of water
- All tests will be carried out using pressurised water. It is considered dangerous to test a dry rising main using compressed air.
- Ensure that all landing valves are closed and secured before commencing work.
- Water will be pumped into each section and checks made for correct flow and for any leaks.
- All personnel involved in testing should maintain effective contact (by radio if direct line of sight cannot be maintained) with the pump operator at all times so that the pump can be shut down in the event of a failure.
- Ensure that adequate drainage is available when carrying out the flow test and when draining the dry riser.

Any issues experienced during inspection or testing that cannot be immediately resolved must be raised with the responsible person(s) on site and discussed with HQ in order that arrangements can be made to return at a later date for rectification.

2.3 Completion and Site Departure

- Ensure all systems are returned to normal and free from leaks.

- Ensure any spillages of water are removed, floor surfaces dry and all tools accounted for.
- Complete documentation and obtain client signature on all relevant documents.
- Sign out as required by client's process

3. Plant & equipment

Item	Used for	Special requirements
------	----------	----------------------

4. Safety precautions

4.1 Personal protective equipment (PPE)



General Personal Eye Protection EN166



High visibility warning clothing EN 471



Safety footwear for Professional Use EN ISO 20345 (Class 1 SB, S1, S2, S3)

4.2 Safety responsibilities

Name	Responsibility
------	----------------

4.3 Safety procedures

5. Further information

5.1 Related risk assessments

MD081/2025 Testing Wet and Dry Riser Systems and Hydrants

5.2 Facilities affected by works

5.3 Foreseeable adverse affects and controls

5.4 Monitoring systems

6. Supporting documentation



O. Heap & Son (Derby) Limited

Risk Assessment for

Testing Wet and Dry Riser Systems and Hydrants

This Risk Assessment relates to the testing of wet and dry riser systems, and fire hydrants, on customers' premises.

Reference number	MD081/2025
Assessor	Ioan Ilie
Date completed	28/03/25
Review Schedule	Annually
Review date	28/03/26
Approved date	28/03/25
Approved by	Ioan Ilie
Affected site(s)	O. Heap & Son (Derby) Limited (DE21 7AZ)

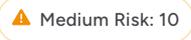
Hazards and controls

 Hazard: People Movement (Risk of Slips, Trips & Falls)		
Risk of injury due to a variety of access/egress hazards that can cause slips, trips & falls		
Who can be harmed/how?	Controls in place	Risk rating
<p>Operators</p> <p>Risk of injury due to a variety of access/egress hazards that can cause slips, trips & falls</p>	<ul style="list-style-type: none">  Aisles & Gangways Kept Clear For Good Housekeeping All aisles and gangways kept clear to avoid slips and trips  Good Housekeeping Observed During The Task Good housekeeping standards observed & maintained by operatives throughout the duration of the task  Suitable & Sufficient Lighting Provided Suitable & sufficient lighting provided for the workplace activities 	<p> Medium Risk: 14</p> <p>Likelihood: 2/9 Severity: 7/9</p>

 Hazard: Lone working		
The health, safety & welfare of Lone Workers could be compromised without an assessment of risk.		
Who can be harmed/how?	Controls in place	Risk rating
<p>Operators</p> <p>The health, safety & welfare of Lone Workers could be compromised without an assessment of risk.</p>	<ul style="list-style-type: none">  Lone Worker Risk Assessment Is Carried Out Lone Worker risk assessment is carried out and appropriate control measures applied accordingly  Lone Workers Are In Contact With Head Office Procedure for contacting the office in place and monitored once last visit for the day is completed  Lone Workers Contact System All events employees are to communicate both safe arrival and departure to and from the event.  Lone Working Is Avoided/Kept To A Minimum Lone Working Is Avoided/Kept To A Minimum 	<p> Medium Risk: 12</p> <p>Likelihood: 2/9 Severity: 6/9</p>

 Hazard: Manual handling		
Risk of injury whilst undertaking the manual handling of tall, awkward & unwieldy loads.		
Who can be harmed/how?	Controls in place	Risk rating
<p>Operators</p> <p>Risk of injury whilst undertaking the manual handling of tall, awkward & unwieldy loads.</p>	<p> Avoid Any Unnecessary Manual Handling Unnecessary manual handling activities are avoided by the use of lifting equipment.</p> <p> Good Manual Handling Techniques/Postures Used All staff are provided training on safe lifting techniques and recommended postures</p> <p> Manual Handling Procedures In Place Relevant employees have been given training in safe lifting practices commensurate with the tasks.</p> <p> Manual Handling Risk Assessment Carried Out An assessment of the manual handling risk has been carried out for the task.</p> <p> Manual Handling Training Given All relevant employees have received training on correct manual handling techniques</p> <p> Protective Footwear Worn Whilst Manual Handling Suitable protective footwear is worn whilst carrying out manual handling activity.</p>	<p> Medium Risk: 12</p> <p>Likelihood: 2/9 Severity: 6/9</p>

 Hazard: Escape of Water during testing process		
Who can be harmed/how?	Controls in place	Risk rating
<p>Members of the Public, Operators, Visitors</p> <p>damage to property, slips and falls due to escape of water during work activities</p>	<p> Only Competent Persons Can Carry Out The Task Only personnel with sufficient information, instruction and training can carry out the task.</p> <p> Pre-start Checks Undertaken Pre-start Checks Undertaken</p> <p> Spillages Cleaned Up Immediately Spillages Cleaned Up Immediately</p>	<p> Medium Risk: 10</p> <p>Likelihood: 2/9 Severity: 5/9</p>

 Hazard: Kneeling Activities		
Risk of injury/ill health due to the carrying out of prolonged kneeling activities		
Who can be harmed/how?	Controls in place	Risk rating
All Staff Risk of injury/ill health due to the carrying out of prolonged kneeling activities	 All Staff Wear Knee Pads Or Do Not Kneel All staff wear knee pads or do not kneel down on their knees.	 Medium Risk: 10 Likelihood: 2/9 Severity: 5/9

 Hazard: Working On Client Sites		
Risk of injury/ill health etc. due to the lack of safety awareness on unfamiliar sites/surroundings.		
Who can be harmed/how?	Controls in place	Risk rating
All Staff Risk of injury/ill health etc. due to the lack of safety awareness on unfamiliar sites/surroundings.	 All Employees Receive Induction Training All employees receive induction training upon commencement with the Company  Asbestos Register Briefed/Observed Operatives are provided with information on the whereabouts of Asbestos Containing Materials on site  Visitor Rules System Operated Visitor Rules System Operated	 Low Risk: 7 Likelihood: 1/9 Severity: 7/9

 Hazard: Work Equipment (Hand Tools)		
Risks associated with the use of work equipment including bodily injury		
Who can be harmed/how?	Controls in place	Risk rating
Operators Risks associated with the use of work equipment including bodily injury	 Hand Tools Carried Correctly Hand tools are carried in a shoulder bag or holster attached to a belt to stop them falling.  Tools cleaned, checked & stored after use Hand tools are cleaned down after use, checked and stored correctly.  Tools Kept In Good Condition Regular checks on tools to ensure that they are in good order and in good repair	 Low Risk: 4 Likelihood: 1/9 Severity: 4/9

Method statement for : O. Heap & Son (Derby) Limited

Assessor's signature: Ioan Ilie

Approved by signature: Ioan Ilie