

**Assessment Schedule for Drainage
Repair Services in accordance with the
Drain Repair Book 4th Edition as provided
by Cappagh Contractors Construction
(London) Ltd**



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1. SCOPE

This schedule specifies the requirements for the procedures and working methods used by Cappagh Contractors Construction (London) Ltd for the repair of small diameter drains from 75mm to 225mm.

It does not imply approval of any materials or products used by Cappagh for the repair of these drains.

2. SERVICE DESCRIPTION

2.1 Introduction

Cappagh Contractors Construction (London) Ltd provide drainage repair services for the UK water industry and commercial drainage market.

Cappagh Contractors Construction (London) Ltd offer, CIPP full length repair and patch repairs solutions. Repair teams operate out of the Iver Operational Depot and cover the whole of London and surrounding areas.

2.2 Applicable standards

The following relevant standard was identified for small diameter drain investigation and repair:

- The Drain Repair Book 4th Edition ⁽¹⁾.

2.3 Approval History

This is the first WRC Approved certification for the Drainage Services in accordance with the Drain Repair Book 4th Edition as provided by Cappagh Contractors Construction (London) Ltd.

3. REQUIREMENTS AND TESTING

3.1 General

The Drainage Repair Services as provided by Cappagh Contractors Construction (London) Ltd shall comply with the requirements of The Drain Repair Book 4th Edition.

3.2 Review procedures

Procedures and method statements used by Cappagh Contractors Construction (London) Ltd for drain repair shall be in accordance with the recommendations of The Drain Repair Book 4th Edition (DRB).

- Scoping repair work and condition assessment including drain serviceability shall comply with DRB Part 3 Sections 3.4, 3.5 & 3.6.
- Selection of repair technique shall comply with DRB Part 3 Section 3.7.
- Specification of repair work shall comply with DRB Appendix D.
- Material Specification for repair systems shall comply with the requirements of DRB Appendix D Section D.3.1.

The specification of CIPP repair systems and patch repair systems used by Cappagh Contractors Construction (London) Ltd shall comply with the requirements of DRB Appendix D and the short-term testing requirements of ISO 11296-4⁽²⁾ as listed in Table 1.

CT/037/0725-AS (July 2025)

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**Table 1 Mandatory Performance
Requirements**

Property	Minimum Requirement
Short-term flexural modulus $E\theta$	> 1500 MPa
Flexural strain at first break ϵ_{fib}	> 0.75%
Flexural stress at first break σ_{fib}	>.0.25 MPa

The following Cured-in-place pipe (CIPP) lining and patch repair systems are included in this assessment and shall comply with the manufacturer's specifications.

CIPP Lining:

- BRAWOLINER® Magnavity LED Cured-in-Place Pipe (CIPP) liner system.

CIPR Localised Repair (Kit Form):

- S1E Pipe Doctor Patch Localised Repair System.

4. APPROVAL

The Drainage Repair Services in accordance with the Drain Repair Book 4th Edition as provided by Cappagh Contractors Construction (London) Ltd has been audited and successfully met all the requirements stated within this assessment schedule.

Signed:

A handwritten signature in blue ink, appearing to be 'P. Kelly'.

Valid until 14th July 2027

5. REFERENCES

1. The Drain Repair Book, 4th Edition WRC plc, April 2017.
2. ISO 11296-4, Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks. Lining with cured-in-place pipes, February 2018.