

**PT/492/0621- AS (June 2021)**

**Assessment Schedule for the Localised Patch and Cured-in-Place Pipe No-Dig Repair System Training Courses as delivered by RSM Lining Supplies Limited**



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## **1.SCOPE**

This schedule specifies the requirements for the course content, course delivery and quality control procedures used by RSM Lining Supplies Limited (RSM) to ensure that their one-day Localised Patch and two day Cured-in-Place Pipe training courses are fit for purpose.

This approval does not constitute an approval of any installer who has attended either of the training courses.

On successful completion of the training course each delegate is issued with a certificate and operator card. This certification is valid for 3 years.

WRc are not involved with the training delivery or the course administration including accreditation.

## **2. PRODUCT DESCRIPTION**

### **2.1 Introduction**

RSM have developed two training courses covering the key aspects of Cured-In-Place Pipe No-Dig Repair systems.

The one-day Localised Patch No-Dig Repair training course is designed to provide technical instruction on the use and installation of Localised Patch No-Dig repair systems used for the rehabilitation of gravity sewers with internal diameters between 75mm and 600mm and comes in 500mm and 1000mm lengths.

The two-day Cured in Place Pipe No-Dig Repair training course is designed to provide technical instruction in the use and installation of a range of Cured-in-Place Pipe techniques including Localised Patch, Ambient Cure, Hot Cure and UV/LED No-

Dig repair systems used for the rehabilitation of gravity sewers.

The training courses aim to give delegates instruction on the correct installation method for Cured-in-Place Pipe No Dig repair systems using the industry best practice and the installation guidance provided with each repair system.

The training includes classroom instruction and a practical demonstration of the repair systems following the WRc Approved installation method. The delegates are then assessed by means of an observed and assessed installation and a final examination.

The observed installation requires the delegates to complete a localised structural repair of a pre-drilled hole in a 150mm diameter pipe using a localised patch repair system on the one-day course and a localised patch repair and an ambient cure repair on the two-day course.

On successful completion of the training course each delegate is issued with a certificate and operator card. This certification is valid for 3 years.

### **2.2 Relevant Standards and Guidance Material**

The following relevant standards and guidance documentation were identified:

- BS EN ISO 11296-4:2018<sup>(1)</sup>
- WRc The Drain Repair Book 4<sup>th</sup> Edition 2012<sup>(2)</sup>.

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**2.3 Approval History**

This is the first approval of the RSM Localised Patch and Cured-in-Place Pipe No-Dig Repair System Training Courses.

**3. TESTING AND REQUIREMENTS**

The Cured-in-Place Pipe training courses shall comply with the following requirements.

**3.1 Training Course Material**

The course material shall be in accordance with the installation requirements for patch and ambient cured repairs as described in Appendix D of the Drain Repair Book 4<sup>th</sup> Edition. All course material shall be dated and have a version number.

Any significant change made to the training material shall require RSM to change the version control number of the course material and inform WRc for confirmation.

**3.2 Training Course Delivery**

The RSM training course presenter shall be a trained and competent person in the installation of Cured-in-Place Pipe No-Dig repair systems.

**3.3 Training Course Assessment**

The RSM Cured-in-Place Pipe classroom assessment and the practical examination/s shall be carried out by a trained and competent person.

Each assessment should follow a clear scheme of marking to ensure that each delegate understands and can follow the installation method as covered in the RSM training material and as outlined in the

installation documentation for each technique.

**3.4 Course Outputs**

On completion of the training course each successful delegate should be issued with a RSM Trained Installer certificate and training card which lasts for 3 years.

**3.5 Quality Assurance**

The course material and course presentation should be audited on an annual basis by the RSM quality manager and by Energy and Utility Skills to ensure it continues to deliver the course to the required standard.

**4. APPROVAL**

The RMS Localised Patch and Cured-in-Place Pipe No-Dig Repair System Training Courses have 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: 9<sup>th</sup> June 2026

**5. REFERENCES**

1. ISO 11296-4:2018, Plastic piping systems for renovation of underground non-pressure drainage and sewerage networks. Part 4: Lining with cured-in-place pipes.
2. The Drain Repair Book 4th Edition 2017, WRc plc.
3. Localised Patch and Cured-in-Place Pipe No-Dig Repair System Training Course material 2021, RSM.