

1. SCOPE

This schedule specifies requirements for the Drainify CCTV reporting software as developed and maintained by Drainify Ltd for the reporting and condition classification of drains and sewers.

2. PRODUCT DESCRIPTION

2.1 Introduction

The Drainify CCTV sewer inspection software program is designed for the reporting observations and defects in drains and sewer network. The program uses the condition classification codes specified in the Manual for Sewer Condition Classification 5th Edition (MSCC5)⁽¹⁾ and BS EN 13508-2⁽²⁾, Annex NB.

The SRM internal condition grade (ICG) and the SRM operational grade for each pipe section are determined from the MSCC codes in accordance with the WRC Sewer Risk Management (SRM)⁽³⁾. These are scored 1 to 5 where grade 5 is the worst condition.

2.2 Applicable standards

The following standards are applicable to this product:

- Manual of Sewer Condition Classification 5th Edition⁽¹⁾;
- Sewer Risk Management (SRM)⁽³⁾ Manual, Internal Condition Grading and Operational Grading Schemes.
- XML Specification for MSCC5 Sewer Inspection Data. WRC Report UC9774.02, February 2014.

2.3 Approval History

This is the first approval of the Drainify CCTV reporting software.

3. REQUIREMENTS AND TESTING

3.1 Type testing

Coding:

The software shall allow data entry of data for the header information and any of the condition classification codes listed in the MSCC5 including all the code descriptors, modifiers and defects details as required.

In addition the software shall ensure that:

- Information can only be entered in the format prescribed by MSCC5;
- All mandatory information specified by MSCC5 is entered;
- That the coding for any pipe section is either in accordance with the full coding system or the domestic drainage system and shall not permit mixed codes;

It shall be able to generate an XML data transfer file in accordance with WRC Report UC9774.02.

SRM Internal Condition Grading:

The software shall assign an Internal Condition Grade for each pipeline section as detailed in the (SRM)⁽³⁾

SRM Operational Grading:

The software shall assign an Operational Grade for each pipeline section as detailed in the (SRM)⁽³⁾

3.2 Software design and control

To ensure the quality and performance of the software, Drainify Ltd shall maintain procedures for:

- documentation of any changes to the software;
- testing of any new release of the software;
- documentation of the testing carried out.

3.3 User guidance documentation

The User Guidance ⁽⁴⁾ supplied to customers shall be complete and accurate to enable the user to operate the software correctly.

Part 2 - Visual inspection coding system.

3. Sewerage Risk Management (www.srm.wrcplc.co.uk). Accessed January 2019)
4. Drainify User Guidance documentation

4. APPROVAL

The Drainify CCTV sewer inspection reporting software has been audited and successfully met all the requirements stated within this assessment schedule.

Signed:



Valid until 20th November 2028

5. REFERENCES

1. Manual for Sewer Condition Classification 5th Edition 2013
2. BS EN 13508-2:2003+A1:2011 Investigation and assessment of drain and sewer systems outside buildings.