

Cured-in-Place Pipe (CIPP) Design & Current Practice



$$q_i = (1/N)[32R_w B' E' C (E_d/D^3)]^{1/2}$$

$$t = [12D^3 q_i N^2 / 32E_L R_w B' E' C]^{1/2}$$

$$P = (2KE_L) / (1-v^2) \times (1) / (SDR-1)^3 \times (C/N)$$

$$H_2 = R.236E_L (t/l)^3$$

$$[1.5(q/100)(1+q/100)DR2] - [0.5(1+q/100)SDR] = s / (P \times N)$$



COURSE FOCUS:

This course focuses on the current Calculation and Design considerations for effective implementation of pipeline rehabilitation using CIPP methods.

The course will outline the modification of the Timoshenko buckling formula to facilitate design of CIPP liners to resist hydrostatic buckling and its adoption by WRc as the Sewer Rehabilitation Manual standard method for circular pipe

The course reviews ASTM, SRM and DWA methods and considers further possible developments from the revision of the WRc's Sewer Rehabilitation Manual.

WHO SHOULD ATTEND THIS COURSE?:

Utility and contractor engineers and technicians working with CIPP methods for pipeline rehabilitation and who need a clear understanding of calculation and design considers, current methods and an insight into further developments.

COURSE DELIVERY:

This course is delivered via JBP's Trenchless Training on-line platform, through a blended learning approach. This gives candidates the convenience of autonomous access to pre-prepared on-line modules and supporting materials, and scheduled live webinar sessions with the course trainers.

PRE-REGISTER YOUR INTEREST:

Register your interest in this course by completing the pre-registration form here: ([Pre-register](#)). We will send you a full course prospectus and notify you of dates when the next course will be available.

**Your data will only be used in relation to your interest in this course info@trenchless.training.com*



Principle Course Trainer:



Dr. Dec Downey
Principal - Trenchless
Opportunities Ltd
Past Chairman of ISTT

