

► JETTING

Brussels. TEPPFA has produced a brochure to advise maintenance contractors and the market on the subject of jetting. Tony Calton from Marley was involved with creating guidelines that have been successfully taken up by industry.



Tony Calton

“All types of gravity drain and sewer systems require a regular cleaning regime to ensure top performance. Plastic sewer pipes are no exception although their maintenance requires only minimal attention.”

“From a European perspective, we noted that this process in one or two member countries involved low volumes of water at high pressure. Usually this blast would be produced through small bore nozzles (typically 1 mm) and this treatment could cause damage to all kinds of pipe systems both rigid and flexible.”

Gentle more effective

“Independent testing carried out by Loughborough University and the Danish Technological Institute (DTI) have identified that high volume at low pressure is a lot more effective way to achieve removal of obstructions and thorough cleansing of accumulated sediments from pipes as well as for routine maintenance.”

“These more gentle yet more effective methods use larger bore (typically 2.8mm) nozzles.”

In the UK, the Water Research Centre has already published best practice guidelines for such maintenance. “Most water companies and contractors have followed the advice.”

“Moreover, a new European standard for the management and control of these cleaning operations is currently being finalised: prEN 14654-1:2004 *Management and Control of Operations in Drains and Sewers – Part 1: Sewer Cleaning.*”

“We are confident that the plastic pipe industry in Europe has responded responsibly to this matter. Our technology and the good offices of TEPPFA have ensured that best practice will be served.”

	BLOCKAGE REMOVAL	
	GREASE	SOLIDS
Solid and Structured Wall Plastic Pressure required...	70 bar	70-110 bar
Clay Pressure required...	70-105 bar	Required pressure levels may also damage pipeline.
Concrete Pressure required...	105 bar	Replacement would be recommended (see NOTE)

