

## Application of [Bracelet Probe™](#) to Concrete Pressure Pipe Inspection

CP type	AWWA Code	Bare pipe Bracelet Probe™ [detection capabilities (ToD) through concrete coating for gauge 12 (0.1094" cylinder wall) ]	CUI/CUF Bracelet Probe™ [detection capabilities (ToD) through concrete coating for gauge 12 (0.1094" cylinder wall)]	Wire-break Bracelet Probe™ [for pipe sizes up to 60" PCCP pipe]
<a href="#">Reinforced Concrete Pressure Pipe, Steel-Cylinder Type</a>	C300	<p style="text-align: center;">Ø2" x 50% ID RBH (~1" coating) Ø1" x 25% OD RBH (~1" coating)</p> <p style="text-align: center;">(External Inspection) – only Cylinder ID &amp; OD corrosion detection</p>	<p style="text-align: center;">ID defects not detectable</p> <p style="text-align: center;">Only external cylinder OD corrosion can be detected Ø1" x 25% OD RBH (~1" coating)</p>	N/A
<a href="#">Prestressed Concrete Pressure Pipe, Steel-Cylinder Type</a>	C301L Lined pipe	<p style="text-align: center;">Ø2" x 50% ID RBH (~1" coating) Ø1" x 25% OD RBH (~1" coating)</p> <p style="text-align: center;">(External Inspection) – only Cylinder ID &amp; OD corrosion detection, no wire breaks but wire breaks will be considered as additional cylinder defects</p>	<p style="text-align: center;">ID defects not detectable</p> <p style="text-align: center;">Only external cylinder OD corrosion can be detected Ø1" x 25% OD RBH (~1" coating)</p>	N/A
<a href="#">Prestressed Concrete Pressure Pipe, Steel-Cylinder Type</a>	C301E Embedded pipe	<p style="text-align: center;">ID defects not detectable through 3" coating OD defects not detectable through 3" coating</p>	<p style="text-align: center;">ID defects not detectable Ø2" x 50% OD RBH (~3" coating)</p> <p style="text-align: center;">Only external cylinder OD corrosion can be detected Ø2" x 50% OD RBH (~3" coating)</p>	A minimum of 1 wire break can be detected externally
<a href="#">Concrete Pressure Pipe, Bar-Wrapped, Steel-Cylinder Type</a>	C303	<p style="text-align: center;">Ø2" x 40% ID RBH (~1" coating) Ø1" x 20% OD RBH (~1" coating)</p> <p style="text-align: center;">(External Inspection)– only cylinder ID &amp; OD corrosion detection, no bar breaks and bar breaks will be part of the cylinder defect analysis</p>	<p style="text-align: center;">ID defects not detectable Ø1" x 20% OD RBH (~1" coating)</p> <p style="text-align: center;">(External Inspection)– only cylinder OD corrosion, no bar breaks and bar breaks will be part of the cylinder defect analysis</p>	N/A