**1.0 SCOPE**

This document summarises the coating procedure for the following scenario as shown in Figure 1:

- Coupling (e.g. Straub®, Gibault®, Viking Johnson®, Klamflex®) jointed pipe.

The recommended Corporation specifications are as follows:

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>A1</strong></td>
<td>Surface Preparation for the Application of Protective Coatings on Steel or Cast Iron</td>
</tr>
<tr>
<td><strong>D1</strong></td>
<td>High Build Epoxy Coating on Steel or Cast Iron</td>
</tr>
</tbody>
</table>

Notes:

If blast cleaning is not possible due to dust restraints, as a minimum requirement surfaces shall be power tool cleaned in accordance with St3 (ISO 8501-1:1998). High build epoxy coating shall then be replaced using 500 microns DFT of a potable water approved surface tolerant epoxy.

Refer Design Standard, DS 95 (Standard for the Selection, Preparation, Application, Inspection and Testing of Protective Coatings on Water Corporation Assets) for additional information or clarification.
COATING SPECIFICATION

COATING PROCEDURES FOR COUPLING JOINTED PIPES

COATING SPECIFICATION: M4  ISSUE: 3  DATE: AUGUST 2019

Surface Preparation Spec: A1
Coating on Steel Spec: D1
Coupling
Steel Pipe 1
On Steel Surface:
Surface Preparation Spec : A1
Coating on Steel Spec : D1
Cement Mortar Lining
Steel Pipe 2
Width of the “D1” coating to be 3 times the width of the Straub coupling

Note: Colours in the above diagram is indicative only, standard pipeline coating colours to be used.

Figure 1 - Coating for Coupling jointed pipe.