COATING SPECIFICATION

COATING PROCEDURE FOR STEEL PIPE AT CONCRETE INTERFACE

1.0 SCOPE

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

- Steel pipe at the concrete interface

The recommended Corporation specifications are as follows:

<table>
<thead>
<tr>
<th>A1 -</th>
<th>Surface Preparation for the Application of Protective Coatings on Steel or Cast Iron</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1 -</td>
<td>Inorganic Zinc Silicate Coating on Steel or Cast Iron</td>
</tr>
<tr>
<td>C2 -</td>
<td>Zinc Rich Epoxy Primer, Epoxy Mastic Coat, Polyurethane Top Coat on Steel or Cast Iron</td>
</tr>
<tr>
<td>D1 -</td>
<td>High Build Epoxy Coating on Steel or Cast Iron</td>
</tr>
</tbody>
</table>

Note 1:

If anti-graffiti properties are required, replace the specified top coat with 2 coats of 50 microns nominal dry film thickness “Anti-graffiti Polyurethane” with a total thickness of 100 microns as described in Corporation Coating Specification J1.

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.

Note 2:

Where these coatings are to be applied in and around pump stations or in close proximity of other mechanical and electrical equipment that could be adversely effected by the scattering of the blast medium, low dust blasting processes such as “Sponge Jet” or vacuum extraction at the blast head shall be considered.
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Figure 1 - Coating for existing steel pipe and above ground steel pipe at concrete interface.

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