

Main Roads Specification

MRS85A

Repainting Existing Steel Bridges and New Steel Bridges Zinc Metal Systems

June 09

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FEEDBACK

Your feedback is welcomed. Please send to mr.techdocs@tmr.qld.gov.au.

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Repainting Existing Steel Bridges and New Steel Bridges – Zinc Metal Systems

1 INTRODUCTION

This Specification applies to repainting existing steel bridges and new steel bridges with zinc metal paint systems.

This Specification shall be read in conjunction with MRS01 *Introduction to Specifications*, other specifications and standards as appropriate and the quality system requirements of the Contract.

This Specification forms part of the Main Roads Specifications and Technical Standards Manual.

2 MEASUREMENT OF WORK

2.1 Standard Work Items

In accordance with the provisions of Clause 2 of MRS01 *Introduction to Specifications*, the Standard Work Items covered by this Specification are listed in Table 2.1.

Table 2.1 – Standard Work Items

Standard Work Item No.	Description	Unit of Measurement
Repainting of Existing Steel Bridges and new Steel Bridges – Zinc metal System		
8715	Full coating systems on steelwork with 30 year design life (Provisional Quantity).	m ²
8716	Top coat of existing Zinga Liquid Galvanizing with 30 year design life (Provisional Quantity).	m ²
8717	Full coating system on steelwork with 15 year design life (Provisional Quantity).	m ²
8718	Top coat of existing ZingaMetall Acryltop with 15 year design life (Provisional Quantity).	m ²

2.2 Work Operations

Item 8715 Full coating systems on steelwork with 30 year design life (Provisional Quantity).

Item 8716 Top coat of existing Zinga Liquid Galvanizing with 30 year design life (Provisional Quantity).

Item 8717 Full coating system on steelwork with 15 year design life (Provisional Quantity).

Item 8718 Top coat of existing ZingaMetall Acryltop with 15 year design (Provisional Quantity).

Work operations incorporated in the above items include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Supply of all materials;
- c) Provision of access
- d) Provision of collection system;
- e) Surface preparation;
- f) Application of paint; and
- g) Monitoring of before and after lead levels in the soil.