

NO. OF COATS - 2 NOS

(System - III) / SPAN NO. 03

Annexure-4 (b)

PARAMETER TO BE CHECKED AFTER APPLICATION OF ZINC RICH PAINT (ZINGA COATING), COPOLYMERIC THERMOPLASTIC ANTI-CORROSSIVE COATING (CORROKIL), LONG LIFE POLYSILOXANE BASD COATING AND ALLUMINIUM METALIZING ON BRIDGE AS PER RDSO SPECIFICATION M&C/PCN/125/08, M&C/PCN/121/11, M&C/PCN/129/10 RESPECTIVELY.

IMPORTANT ONE TIME DETAILS

1. Paint Details:

Paint system with M&C specification number	CO - polymeric Anti - Corrosive chemical compound based Coating System
Supplier's Name	M/s Winsome Coating LLP, OKHLA (NDLS)
Date of application	02.07.2019
DFT of application	130 - 189 g/4
1 st Coat--	✓
2 nd Coat--	✓
3 rd Coat--	
4 th Coat--	

2. Bridge Details:

S. No.	Item	Details
1.	Railways	NORTHERN RAILWAY
2.	Bridge No.	17
3.	Between Stations	OKA - HN2M
4.	Chainage	KM 1529 / 14-1)
5.	Span Arrangement	4 x 10.3 PLATE GIRDER
6.	Span No. for trial	III SPAN.

Note: Span number, girder number and left & right will be in the direction of increasing kilometer.

3. Contact Details:

Details	Name and Job Title	Contact Nos.
Supplier	M/s Winsome Coating LLP OKHLA - NDLS	9967646380
Assistant Bridge Engineer XEN/NR	MR D.P. CHETIWAL XEN/NR	9717630295
Bridge Inspector	MR BRIJ PAL SSE/BQ/M/SSE	9717638225
RDSO (B&S) Directorate	MR PRADEEP KR CHATWALA SSE/BQ/M/SSE	9794063718
RDSO (M&C) Directorate	MR DINESH KUMAR CS/R/RDSO (MCC)	8500925132

INSPECTION DETAILS

Date of Inspection: 04.02.2020

4. Observations of painted Bridge-

S.No	Properties/Characteristics	Requirements	Observation/Value/Rating	Remarks
1	Appearance, Finish & Colour	Smooth, Uniform & Colour as agreed	Smooth, Uniform & Colour as agreed	(10) Satisfactory
2	Total DFT of full system	As per respective Specification	150 - 200	"
3	Chalking	No Chalking	(10)	"
4	Cracking	No Cracking	(10)	"
5	Checking	No Checking	(10)	"
6	Flaking	No Flaking	(10)	"
7	Blistering	No Blistering	(10)	"
8	Peeling	No Peeling	(10)	"
9	Spotting	No Spotting	(10)	"
10	Mechanical Damage	No Damage	NIL	"
11	Sign of Corrosion	i) No sign of corrosion/brown spots ii) After 3 years, only white deposits may be considered	NO SIGN OF CORROSION observed - NA -	(10) "
12	Any other important observation made		NIL	

5. Remarks:

Devesh Kumar
04.02.2020
Signature
(M&C) RDSO

(10) h.w.
04/02/2020
Signature
(B&S) RDSO
Signature
XEN/166/TK

Signature
BRI

Signature
Firm
04/02/2020
9967646380

Name and job title of signing officials including name of the firm be mentioned.

Note:

- Frequency of monitoring for effective evaluation of painting system, following scheduled may be adopted in respect of above mentioned parameters. Once after the application followed by next observation after six months of application, and thereafter every year up to 5 years and then every 2 years. After 5 years fresh inspection plane may be chalked out depending upon the performance of the painting system applied, if need to be.
- Coating procedure to be checked as per the QAF of the firm during application.
- All photographs should be numbered dated and labeled.