

APPROVED SIGN	JOB No	DESCRIPTION	DATE	ALT.
	3768 WM/MR	<p>GOVERNMENT OF INDIA MINISTRY OF RAILWAYS</p> <p><u>SPECIFICATION FOR</u> <u>TEMPERATURE CRAYON</u></p> <p>FOR P.L. NOS: 8498 1003, 8498 1039, 8498 1064, 8498 1076, 8498 1090, 8498 1106, 8498 1120, 8498 1155, 8498 2123, 8498 2135, 8498 2147, 8498 2160, 8498 2172, 8498 2184, 8498 2202, 8498 2214.</p> <p><u>ISSUED BY</u> <u>MECHANICAL DRAWING OFFICE</u> <u>WHEEL AND AXLE PLANT YELAHANKA</u> <u>BANGALORE</u></p>		6

D	<i>Handwritten Signature</i>	<i>Handwritten Signature</i> 12/7/84
Dy. CME/WI	AWM / MR	SUPDT./DES.
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SPECIFICATION FOR TEMPERATURE CRAYON**1.0 SCOPE**

- 1.1 The Specification covers the Design and manufacture and supply of various Temperature Crayons to Wheel and Axle Plant (Indian Railways), Yelahanka, near Bangalore, Karnataka State, India as per instructions and conditions of Contract and Tender Papers.

2.0 GENERAL DESCRIPTION:

- 2.1 The various temperature crayons as per the list at 2.4 shall be encased in a Plastic Holder having four slits of 2 mm wide at one end to a length of 10 mm, provided with a screwed cap on the same end to a length of 20 mm. The cap should be open at both ends. The temperature crayons should not melt at a temperature lower than that specified. But, should start melting at the specified temperature, when brought in contact with hot surface. The Plastic Holder should have a hole of 5 mm at the other end for adjustment of length.

- 2.2 Diameter of temperature crayons - 8 mm.


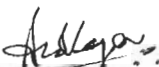
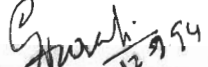
- 2.3 Length of the temperature crayons - 125 mm \pm 5 mm.

- 2.4 List of Temperature Crayons covered under this Specification is given below.

Sl No	1	2	3	4	5	6	7	8
Temperature Crayons - °C	110 \pm 3	120 \pm 3	150 \pm 3	172 \pm 3	200 \pm 3	234 \pm 3	245 \pm 3	265 \pm 3
Sl No	9	10	11	12	13	14	15	16
Temperature Crayons - °C	285 \pm 3	301 \pm 5	325 \pm 5	355 \pm 5	380 \pm 5	440 \pm 5	600 \pm 5	800 \pm 5

2.5 COLOUR OF TEMPERATURE CRAYON:

The Crayon should be of light colour since they are used in Graphite Moulds which are black in colour.

		
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2.6 Testing Certificate:

The Supplier shall provide Test Certificate for the supply.



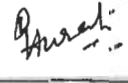
2.7 Test Norms:

- i) Sampling Norms in GIL I. IS/2500 to its latest revision
- ii) Acceptance Criteria: AQL 6.5 IS-2500 to its latest revision.
(Single Sampling Plan).

P.L. NUMBER PARTICULARS

S1 No (as per Clause-2.4)	Crayons Temperature in °C	P.L. No.
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1)	110±3	8498 2123
2)	120±3	8498 2135
3)	150±3	8498 1003
4)	172±3	8498 1039
5)	200±3	8498 1064
6)	234±3	8498 1076
7)	245±3	8498 2147
8)	265±3	8498 1090
9)	285±3	8498 2160
10)	301±5	8498 1106
11)	325±5	8498 2172
12)	355±5	8498 1120
13)	380±5	8498 2184
14)	440±5	8498 1155
15)	600±5	8498 2202
16)	800±5	8498 2214

		
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