

SPECIFICATION FOR COAL TAR CREOSOTE FOR PRESERVATION OF TIMBER

1 Scope

This specification established requirements for Coal Tar Creosote used for the preservation of timber. (Type II)

2 Description

This Creosote shall consist wholly of a blend of distillates of Coal Tar and shall be free from any admixture of Petroleum oils and oil not delivered from Coal Tar.

3 Specification

Item # Name	Component	Minimum Specification	Bidder' Respons (YES/NO)	If "NO" comments on the
i	Density of the material at °C	1003 Kg/m3 < 1108 kg/m3		
ii	Liquidity	The material shall become completely liquid on being slowly warmed at 38 °C °F) with stirring and on cooling shall remains completely liquid after standing for two hours at 32 °C °F)		
		If Creosote is required for cold application it shall become completely liquid on being slowly warmed to 38 ° C °F) with stirring shall on cooling remain completely liquid after standing for two hours at °C. °F)		

iii	Water Content	The material shall not yield more than 1.5% by volume of water.		
iv	Distillation	The distillates at 205° C, 230° C, 315° C, 355° C shall be within the limits given below.		
Distillation Limits				
<u>Temperature</u>		<u>Cumulative Distillate</u>		
		Not less than % (m/ m)	Not more than % (m/ m)	
205° C		-	5	
230° C		5	30	
315° C		40	78	
355° C		73	90	
v	Residue	If required by the purchaser, it shall be demonstrated to the residue after separate distillation to 315° C (599° F) soft and not sticky.		
		The material offered should not be a sludge when stored at room temperature (30° C).		
vi	Extractable Phenol Content (Taracids)	The Distillate to 315° C produced from the material shall contain not more than 20 ml. of extractable phenols per 100 g. of the distillate.		
		Creosote having a density at lower than 1.06 g/ ml not less than 5 ml. of extractable phenols per 100 g. distillate.		
vii	Matter insoluble in Toluene	The material shall not yield more than 0.4 percent (0.4% m/ m) by weigh of matter insoluble in Toluene.		

4/7

viii	Viscosity	The Kinematic viscosity of the material shall not less than less than 4 (mm ² / s) and not more than 20 (mm ² / s) at 40°C.		
ix	Naphthalene Content	The Naphthalene content of the material shall not more than 15 percent (15% m/ m)		

4 Method of Examination Analysis:

The methods of examination and analysis of the sample shall be those set down in B.S.S. 144 of 1997 Coal Tar Creosote for the preservation of timber.

Name :

Designation :

Signature :

Date :

Rubber Stamp :

*** Pre- bid meeting will be held on 07/04/2022, 10.30 hrs. at "Sapthaparisara mandapaya, No. 82, "Sampath Paya", Rajamalwatta Road, Baftaramulla.

5/7/5