



RK NORTHWEST REFINING & ENERGY COMPANY
BITUMEN EVALUATION DEPARTMENT

Emulsion Bitumen CQS-1h

Cationic Emulsified Asphalt		Test / Method		Acceptable range	
		ASTM	INSO	min	max
		D2397	12505-7		
1	Viscosity by SayboltFurol Viscometer@ 25 ⁰ C,SFS	D7496	20644	20	100
2	Sieve Test,%	D6933	20638	-	0.1
3	Determine the particle load	D7402	20642	Positive	
4	Distillation				
4-1	distillation residue,%	D6997	13580	57	-
5	Test on distillation residue				
5-1	Penetration @ 25 ⁰ C (100 gr. 5s),10 ⁻¹ mm	D5	2950	40	90
5-2	Ductility @ 25 ⁰ C (5 cm/min), Cm	D113	3866	40	-
5-3	Solubility in tri chloro ethylene ,wt %	D7553	2953	97.5	-

Oil