



**RK NORTHWEST REFINING & ENERGY COMPANY
BITUMEN EVALUATION DEPARTMENT**

Emulsion Bitumen CRS-1

Cationic Emulsified Asphalt		Test / Method		Acceptable range	
		ASTM	INSO	min	max
		D2397	12505-7		
1	Viscosity by Saybolt Furol Viscometer@ 50 °C,SFS	D7496	20644	20	100
2	Storage Stability@ 24hr,%	D6930	20637	—	1
3	Demulsibility of Emulsified Bitumen with 35 ml of aqueous solution of 0.8% sodium acetate and sulfosuccinate,%	D6936	13582	40	—
4	Determine the particle load	D7402	20642	Positive	
5	Sieve Test,%	D6933	20638	-	0.1
6	Distillation				
6-1	The oily product obtained from distillation relative to the volume of emulsion	D6997	13580	-	3
6-2	distillation residue,%			60	-
7	Test on distillation residue				
7-1	Penetration @ 25 °C (100 gr. 5s),10⁻¹ mm	D5	2950	100	250
7-2	Ductility @ 25 °C (5 cm/min), Cm	D113	3866	40	-
7-3	Solubility in trichloroethylene, wt%	D7553	2953	97.5	-

Address: Bir Building, Allameh Tabatabai Ave, Tabriz – Iran
 Tel: +98 41 33 37 47 55 Fax: +98 41 33 37 47 56
WWW.RKOILCO.COM INFO@RKOILOCO.COM

