Faraz Oil Bitumen Emulsion

Test Items	Specification of Cationic Bitumen Emulsions													
	Quick Setting		Rapid Setting				Medium SETTING				Slow Setting			
	CQS_1h		CRS_1		CRS_2		CMS_2		CMS_2h		CSS_1		CSS_1h	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Viscosity, Say bolt Furol @ 25°C SFs	20	100	-	-	-	-	-	-	-	-	20	100	20	100
Viscosity, Say bolt Furol @ 25°C SFs	-	-	20	100	100	400	50	450	50	450	-	-	-	-
Storage Stability test, 24-h, % A	-	1	-	1	-	1	-	1	-	1	-	1	-	1
Demulsibility, 35 mL, 0.8 % Dioctyl sodium	-	-	40	-	40	-	-	-	-	-	-	-	-	-
Particle charge test	Positive		Positive				Positive				Positive			
Sieve test, % A	-	0.1	-	0.1	-	0.1	-	0.1	-	0.1	-	0.1	-	0.1
Cement Mixing test, %	-	N/A	-	-	-	-	-	-	-	-	2	-	-	2
Coating ability and water resistance:														
Coating, dry aggregate	-	-	-	-	-	-	good	-	good	-	-	-	-	-
Coating, after spraying	-	-	-	-	-	-	fair	-	fair	-	-	-	-	-
Coating, wet aggregate	-	-	-	-	-	-	fair	-	fair	-	-	-	-	-
Coating, after spraying	-	-	-	-	-	-	fair	-	fair	-	-	-	-	-
Oil Distillate, by volume of emulsion, %	-	-	-	3	-	3	-	12	-	12	-	-	-	-
Residue %	57	-	60	-	65	-	65	-	65	-	57	-	57	-
Tests on residue from distillation test:														
Penetration @ 25°C, 100 grams, 5 Second	40	30	100	250	100	250	100	250	40	90	100	250	40	90
Ductility, 25°C 5 Cm/Min, Cm	40	-	40	-	40	-	40	-	40	-	40	-	40	-
Solubility in trichloroethylene, %	97.5	-	97.5	-	97.5	-	97.5	-	97.5	-	97.5	-	97.5	-