




Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
ZAMBOANGA DEL NORTE
2nd DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE IX
Sta. Isabel, Dipolog City

Technical Specifications for
EMULSIFIED ASPHALT CSS-1

Type: Slow-Setting
Grade: Cationic
Standard: ASTM D2397M -13

TECHNICAL SPECIFICATIONS	MINIMUM REQUIRED		
	MINIMUM	MAXIMUM	TEST METHOD
	TEST ON EMULSIONS		
Viscosity, Saybolt Furol at 25 °C	20	100	ASTM D244
Storage Stability test, 24-h, %	-	1	ASTM D6930
Particle charge Test	POSITIVE		ASTM D244
Sieve Test, %	-	0.1	ASTM D6933
Cement Mixing Test, %	-	2.0	ASTM D6935
	DISTILLATION		
Residue, %	57	-	ASTM D244
	TEST ON RESIDUE FROM DISTILLATION TEST		
Penetration 77°F (25 °C) 100g, 5s mm	100	250	ASTM D5
Ductility 77°F (25 °C) 5cm/min cm	40	-	ASTM D113
Solubility in trichloroethylene %	97.50	-	ASTM D2042

Based on AASHTO M208-2


ROLLY JAY B. BACARA
Engineer II
Maintenance Section