

TABLE 4		
**Asphalt Emulsion Reproducibility Limits (IA ONLY)		
Test Parameter:	** Asphalt Emulsion Grade Reproducibility Limits	Test Method Reference:
Saybolt Viscosity @77F	15 % of the mean	AASHTO T 72
Saybolt Viscosity @122F	21 % of the mean	AASHTO T 72
Sieve	<ul style="list-style-type: none"> ▪ For values 0.01-0.07 --- 50 % ▪ For values >0.07 to 0.15 --- 20 % 	AASHTO T 59
Residue by Oven Evaporation	0.8% (weight)	AASHTO T 59
Residue and Oil Distillate by Distillation	2.0 % (weight) – Residue 0.7% - Oil	AASHTO T 59
Demulsibility	30 %	AASHTO T 59
Penetration	11% of the mean	AASHTO T 49
Elastic Recovery	5.06 %	AASHTO T 301
Ductility	23 cm	AASHTO T 51
Solubility	0.26 %	AASHTO T 44
Softening Point	2.0°C (3.5°F) (Distilled Water)	AASHTO T 53
Weight per gallon [PPG]	0.019 @ 77F	AASHTO T 59
Storage Stability (24hr)	0.02 %	AASHTO T59

** Note: Reproducibility values subject to change. The current table above can be found at our website, <http://www.ncdot.org/doh/operations/materials/chemical/others.html> . Then click on the appropriate file under the “Asphalt Emulsion QC/QA Information” header.