Sample Project Special Provision: 702racsss

Date: 11/02/16

REVISION OF SECTION 702

RECYCLING AGENTS

ASPHALT EMULSION (CSS) (SPECIAL)

Section 702 is hereby revised for this project as follows:

Subsection 702.02 (e) shall be replaced with the following:

Asphalt Emulsion (CSS) (Special). Recycling agent for item 406, Cold Bituminous Pavement, shall conform to physical and chemical requirements of Table 702-9:

**Table 702-9**

**ASPHALT EMULSION (CSS) (SPECIAL)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test on Emulsion** | **Test Method** | Minimum | **Maximum** |
| Residue from distillation, % | ASTM D2441 | 63.0 |  |
| Oil distillate by distillation, % | ASTM D2441 |  | 1.0 |
| Sieve Test, % | ASTM D2441 |  | 0.3 |
| Penetration (TBD2), 25°C, dmm | ASTM D53 | -25% | +25% |
|  |  |  |  |
| 1 Modified ASTM D244 procedure – distillation temperature of 177°C with a 20 minute hold. The ASTM D244 vacuum distillation procedure may be substituted once the maximum oil distillate is satisfied.  2 TBD – to be determined by the Contractor’s CIR design prior to emulsion manufacture for project. Penetration range will be determined on the design requirements for the project and will be submitted to the Region Materials Engineer for approval prior to project start.  3 Modified ASTM D5 Procedure – The Penetration test for this material will be conducted under a dry condition with no water used on the surface of the emulsion residue. | | | |

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INSTRUCTIONS TO DESIGNERS:

Use in conjunction with the sample project special provision, Revision of Sections 307 and 406

Cold Bituminous Pavement (Recycle)