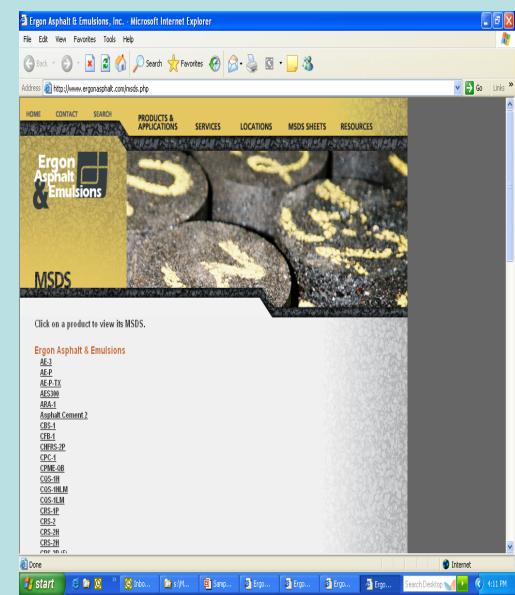
Sampling of Asphalt Emulsions



MIKE HEMSLEY Paragon Technical Services, Inc

Asphalt Emulsion Sampling Do's

- Obtain an MSDS from the Supplier
- Avoid Breathing any Fumes, Mists and or Vapors
- Wear appropriate
 PPE



Asphalt Emulsion Sampling Don'ts

- Do Not Smoke around the Emulsion
- Do Not Contaminate the Sample
- Do Not use a container that has been submerged in, wiped with or had solvent in it
- Do Not Transfer the sample to another Container



A Proper Sample Container

- Shall be NEW
- Preferable 1 Gallon in size
- Clean
- Dry
- Have a Proper / Tight fitting Top

- Shall NOT be Rinsed
- Washed
- Or Cleaned



If the container is not Clean and Dry –
 Discard it

Obtaining a Sample

- Obtain the sample from a sample port
 - When a sample port is not available obtain the sample in the safest manner that will result in a clean representative sample
- When obtaining the sample flush the sample port line (or other line that is being used) by flushing a minimum of 5 gallons of emulsion through the line. This should be done until the sample is representative of the tank being sampled and clean of any trash that may be present in the sampling line.

A Good Sample Shall Be

- Placed on a Firm Level Surface
 - To prevent splashing, dropping or spilling
- Wiped with a clean dry cloth on the outside only to remove any residual material – after the container is sealed
- Tightly and Positively Sealed Immediately after it is taken
- Properly Marked for Identification with a permanent Marker
 - ON the Container (NOT the Lid)

A Proper Sample Label should Contain

- Shippers Name and Bill of Lading Number
 Or Loading Slip Number
- Date Sampled
- Samplers Name
- Sample Location (Place Taken)
- Product Grade
- Project Identification
- Other Pertinent Information

Packaging and Shipping of the Sample

- Ship the sample to the lab the same day it is taken
- Protect it from Freezing
- Make sure that it is packed and labeled properly
- Make sure the sample is sealed tightly
- Ensure that it is protected from damage during shipment