

OPEN MEETING AGENDA TOPICS
APRIL 28, 2005

OLD BUSINESS

1. Review minutes – Diane

Minutes Approved

2. Corrosion Forum Update – Dan

Greg – consistent source of steel, finally have the manufacturers attention, have the parameters of the steel, make sure the chemical analysis works. A mfg will produce a truckload (25 tons) of steel –trying to get only 10 tens which would give us a 5 year of steel – will do a quality control check with several labs prior to actually “punching” of the steel – Ron is investigating another source of steel –once we get a source, Adtec will be the supplier for these coupons- make sure that we get a good clean cut/stamp for the coupons –

Ron - trying to get a spec for metallurgical and stamping spec for them to use

Dave Wilkening – standard procedure in the lab for cleaning coupons; maybe a rock tumbler – sampling solid deicers

Aluminum testing – reflective meter on brushed aluminum, still trying to get this information –need to include aluminum or other non-ferrous metal into the test

Dan for Xianming – looking at another method of doing the corrosion testing – quicker, easier – the first tests looked very good – the latest tests are not quite so clean – trying to correlate these tests with Analytical

Xianming having problems getting coupons – Ron and Greg will provide Xianming with coupons

Tensile Strength – Jeanne’s testing shows no strength loss

Energy Labs – looking at the MDT truck coupons for the 2nd year; working with the alloys provided by PacKar

Ron – evaluate copper as an aspect – that is on the burner, but primary thing is to standardize our testing, find a reliable steel source and see if we can do anything with aluminum

WTI – developing a “test bed” in Lewistown, Montana; establishing a field-testing area (corrosion issue, performance, etc.) Offered this facility for consideration in the future

3. Steel Coupon Issue – Greg Leist

See above

4. Deicer Brochure Project – Greg Hansen

Greg – WTI is doing the brochure; reviewed the rough draft; should have an interim draft in about a month; looking at a tri-fold or quad-fold brochure; informational brochure; posted to the PNS website – will posted both the technical version and the brochure version

5. 2006 Conference update – Greg Hansen

Spokane convention Center – June 14, 15 and 16, 2006 – Headquarters at the Red Lion – decide topic issues –

Global Warming and how it effects maintenance – Graham will get Prudy the name of the person from Environment Canada

Look at other conferences going on and see what the hot topics were

MHTA and executive (Ben Havdahl or Spook Stang – trucking concerns)

Corrosion issues; Dan Codd and Ed Fick

6. QPL Cleanup – Ron

Ron has a revision as to what products should be taken off the list and which ones should stay on – vendors please see Ron at break or after the meeting to see if the revised list is correct.

Three (3) new products applied – 2 products in category 8 (Morton Salt); 1 in the Experimental Category (Blended salt)

7. Performance Specifications – has anything been done on this

Have the vendors provide a eutectic chart from an independent lab – use this chart to help determine the “performance indicator”

NEW BUSINESS

1. Items arising out of PNS Closed Meeting

Salt Brine – MDT – Had a project at the Rollins Section – use Category 8 salt, made our own brine, Redmond Minerals provide an inhibitor package. All to see how this would work in this specific area.

Looking at the corrosion of the metals in regards to the use of the salt brine vs liquid mag that was previously used in this area.

Looking at expanding the salt brine to 6-7 other sections. (Approx 700,000 gallons)

ADDITIVES

Additives – use a 23% reagent grade salt solution and add the “flubber” and see how much it would take to make the salt brine pass the PNS specs for Category 1

Quality control – how do we assure this; the need for MSDS

“Flubber” added to a solid product that would make the solid product pass Category 4 specs.

Value added criteria – corrosion, qty needed to meet corrosion specs, storage considerations, handling capability

Specs- follows the same protocols listed for a finished project, same requirements, as part of that what the mixing requirements are and corrosion information

Storage Stability – maybe we should look at putting in minimums, maybe stay at 0, maybe 10

2. Zonar Systems - Dave Galt....20 minutes

Presentation on truck inspection electronic equipment

3. Liquid Surge Technologies – Dick Graeme....20 minutes

Presentation on stabilizer “balls” for tanks for hauling liquids

4. Other

Fuel Surcharges – Are Or, Wa and Id looking at this? Yes, some considerations are necessary