

Asphalt Rubber Binder Quality Control Sub Task Group
Meeting Minutes
September 13, 2013

ARQC TASK GROUP MEETING

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- CT was told by management to bring all AR members together to same level of quality. Establish level of quality control.
- Timeline: spec changes by November 30th.
- Brandon: Does this have anything to do with PGAR? No.
- Kee Foo: he was tasked to come up with spec requirement. Looking at four tests, viscosity, cone penetration, resilience, softening point. Other topics are who does testing, how often. Lab has to be certified.
- Jack: CT has duty to run above tests for acceptance. He doesn't believe they are doing the testing.
- Tony: What is the expectation of CT? Jack asks are CT sampling and testing conventional binders? Chuck said they test randomly. Jack asks why they are not testing asphalt rubber binder?
- Tony: some jobs are being tested by CT for viscosity. If these 4 tests are going to be used for acceptance, we need to address this.
- Kee Foo: current practice is run 3 tests, viscosity is a field test. Jason Lampley says there is an issue with reheat in the past. Tony says we need to test material being actually used, not what was retested days later.
- Jack: 2 descending viscosities are a production requirement.
- Jack: Regarding tech certification, AASHSTO doesn't certify for this. Will CT certify the techs?
- Chuck: CT could have a "proficiency" certificate for viscosity testing. Start out with ARML labs, the later AASHTO.
- Tony: For now operator runs viscosity test.
- CT: for quality control plan tester would need to be certified.
- Paramount: need ARML lab and add testers to the list. CT: as long as employees are on list, either construction or lab.
- Jason: problem is for blenders that don't have a lab and mobile operations.
- Rita: says CT is imposing stricter requirements than Fed regs.
- Chuck: Yes, they will start with ARML labs since CT doesn't have resources to certify labs
- Tony: all labs have to be certified by next year for superpave next year.
- Jack: Will viscosity test ~~will~~ be acceptance test?
- Rita: has the historic testing been deficient. Has testing shown material that is deficient.
- Jack: CT has very little if any data for projects that failed. What we need to know is what is going to be required, who is going to run the test and how often.
- Discussion about what a batch is, similar to MPQP discussion.
- Tests take about a day for sample prep and run tests, especially if samples come in cold.
- Rita: this is not QC. This is acceptance.
- Chuck says process control and quality control is different. QA is verifying data. Not going to get immediate results for QC.

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- Sallie: No problem with 4 tests but how often, what is the frequency. Kee Foo maybe run tests first couple days and if everything OK, go to less often. For example every batch at start and then every 5 days. Tony: maybe every 75 tons (every 3 batches) or one per day for the 3 tests. Viscosity will be run every batch during production.
- Albert: Contractor establish QC plan, CT verified maybe 10% for QA. Tony: run 1 test per day, but look for contractor to be self-correcting. Maybe require greater frequency.
- Sallie: Pull retains on all batches. If problem, go back and test then.
- Mark asked Kee Foo to draft spec changes and then circulate it for comment matrix. He agreed.
- Jack said frequency is first thing to be agreed on.
- Next meetings for ARQC and PGAR will be October 30th, 10AM TO 2:30PM