

AP42 Section: 11.1

Reference Number: 367

Title: Personal email communication, K. Lane,
Connecticut Department of Transportation,
Hartford, CT, MA, to Ron Myers, U. S.
Environmental Protection Agency, Research
Triangle Park, NC,

October 19, 1999.

From: "Lane, Keith R." <Keith.Lane@po.state.ct.us>
To: 'RON MYERS' <MYERS.RON@epamail.epa.gov>
Date: 10/19/99 8:00am
Subject: RE: Information on Asphalt loss on heating -Reply

Yes, your assumption is correct - that our number of test results reflect our usage of that material.

-----Original Message-----

From: RON MYERS [mailto:MYERS.RON@epamail.epa.gov]
Sent: Monday, October 18, 1999 7:28 PM
To: Keith.Lane@po.state.ct.us
Cc: JOHNSON.MARY@epamail.epa.gov; LAMASON.BILL@epamail.epa.gov;
TONEY.MIKE@epamail.epa.gov; Nicholas.Corona@po.state.ct.us
Subject: RE: Information on Asphalt loss on heating -Reply

Thanks for your work, this really improves the information EPA (myself) has available to put air emissions from the manufacture of asphalt pavement into a national and regional perspective. For your information, the data you have is slightly higher than the State of Massachusetts has obtained. Their average loss on heating was -0.232 with a standard deviation of 0.124 compared to your 99 data which averaged -0.355 with a standard deviation of 0.147. One big difference is that half the asphalt they tested is PG 64-28 which has a much lower loss on heating. I assume (and have questioned them) that they do more tests on the asphalts that are more commonly used in their State. Is that also true of CT?

Ron Myers
Emission Measurement Center
MD 19 RTP NC 27711
Tel. 919.541.5407
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E-mail myers.ron@epa.gov

>>> "Lane, Keith R." <Keith.Lane@po.state.ct.us> 10/18/99 08:26am >>>
Attached is a tabulation of test results updated from April of 98 to the present. Our standard grade in 1999 is the PG 64-28, a change since 98 when it was PG 64-22. Also, when we recycle greater than 10% we use the "softer grade" or the PG 58-28; this accounts for about 15% of the production for the State of Ct.

-----Original Message-----

From: RON MYERS [mailto:MYERS.RON@epamail.epa.gov]
Sent: Friday, October 08, 1999 12:44 PM
To: keith.lane@po.state.ct.us
Subject: Information on Asphalt loss on heating

Keith,

Here is the message I sent to my work team citing the information that you provided to me in May '98.

I appreciate the info and the work.

"I just talked with Kieth Lane {(860) 258-0371} of the CT Dept of

Highways. Earlier he gave me general info on asphalt binder loss on heating. He called back with more specific information. CT has obtained 11 samples from Sept 97 to April 98. The loss on heating averages 0.156% with a low of 0.018 and a high of 0.350. The specific samples collected during the last paving season were 0.027, 0.200, 0.350, 0.350, 0.255 and 0.080. For this paving season the results are: 0.086, 0.111, 0.122, 0.122 and 0.018. So, this years average is about 0.09 verses the end of last year of 0.21."

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