

Craffey, Ryan

From: Larkins, Scott (S.R.) <slarkins@ford.com>
Sent: Friday, January 09, 2015 7:47 AM
To: Craffey, Ryan
Subject: Ford RIC meter questions
Attachments: Fluke Meter Calibration 042114.pdf

Ryan,

I have confirmed with my researcher that our meter does in fact read DPM.

Here is a copy of our last certification for your records.

Scott Larkins

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Facility: **Ford Motor Company**
2101 Village Rd Receiving R, RM 1341 DO NOT SHIP - CALL FOR PICK UP
Dearborn MI 48124

Instrument: Manufacturer: Victoreen
Type: GM
Model #: 190
Serial #: 108089
Probe Type: Pancake
Probe Serial #: 125980

Calibration Geometry: Probe perpendicular to source, pan facing source.

Calibration Source: Cs-137 calibrated on 10/1/07 (+/- 3% NBS). Exposure Rate on 4/13/11: 54.67 mR/h at 1 meter. (NRC License No. 21-20153-01)

Calibration Data:

| Range(mR/h) | Exposure mR/h | Reading mR/h | Exposure mR/h | Reading mR/h | Correction Factor |
|-------------|------------------|-----------------|------------------|-----------------|----------------------|
| 0-1 | 0.3 | 0.33 | 0.7 | 0.7 | 1.0 |
| 1-10 | 3 | 3 | 7 | 7 | 1.0 |
| 10-100 | 30 | 30 | 70 | 70 | 1.0 |

Date Received: 4/21/2014 **Date Calibrated:** 4/22/2014

Check Source Reading: 1.7 mR/h Pancake face to source.

Battery Check: As indicated

High Voltage: 911 Volts

Repairs: None

Comments: All instrument readings are within +/- 10% for all scales used. Drift check was acceptable. Please note applicable scale correction factors in order to obtain accurate readings in mR/h.


Note: This instrument must be checked for proper operation with its dedicated check source prior to use. A reading as described above denotes proper operation.


Calibrated by:



Ryan Ozanbazoff

11287

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