



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

December 5, 2012

Memorandum

To: Division Engineers and Asphalt Contractors

From: Christopher Peoples, P.E.
State Materials Engineer

Subject: QMS Density Gauge Technician Certification and Re-certification
Training Classes Registration Instructions

This memorandum contains information on the QMS Density Gauge Technician Certification and Re-certification Training Classes that will be offered by the NCDOT Materials and Tests Unit (M&T) during the calendar year 2013. Please read this document carefully since changes have been made to this program.

Course Material

Since non-nuclear gauges will be allowed for density acceptance testing on surface mixes, the class manual and presentation have been modified to include testing procedures for nuclear and non-nuclear gauges.

Self Study Course

In order to increase efficiency for the Department and the private industry, the Soils Laboratory is offering the QMS Density Gauge course as a Self-Study Program. The On-line Self-Study Course is available, as an option, to Department and private industry technicians who have previously passed the course and are re-taking the class to maintain their certification. Course material such as the manual and powerpoint presentation will be provided at the Materials and Tests website:

<https://connect.ncdot.gov/resources/Materials/Pages/SoilsLaboratoryTrainingSchools.aspx>

Under this program students are required to review the presentation on-line and provide answers to questions within the presentation. No review of course material will be provided by a Technical Trainer, however a program manual will be provided if requested. Exams will be open book and will be administered by Technical Trainers in regional locations. A one hour period of time will be provided to complete the examination. This option will not be available to technicians who are attempting to receive a certification for the first time or technicians whose certification has expired by more than twelve (12) months. The examination will begin at 9:00 am and end at 11:00 am.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
MATERIALS & TESTS UNIT
1563 MAIL SERVICE CENTER
RALEIGH NC 27699-1563

TELEPHONE: 919-733-7411
FAX: 919-733-8742

WEBSITE: WWW.NCDOT.GOV

LOCATION:
1801 BLUE RIDGE ROAD
RALEIGH NC 27607

Full Training Course

All classes will be held from 8:30 a.m. to 4:30 p.m. As part of the certification process once a technician has satisfactorily completed the QMS Density Gauge Class for the first time, a Technical Trainer will be required to visit with the technician in the field to observe testing procedures and provide any additional training. During this visit Contractor personnel who are being certified for the first time to operate a nuclear density gauge must show proof to the Technical Trainer of satisfactorily completing a Nuclear Safety Training Course with a certified agency. Proof of completing the Nuclear Safety training will not be required if the technician is being certified as a non-nuclear density gauge operator. Department personnel must complete the Nuclear Safety & Hazardous Material Training class to become a nuclear gauge operator.

Registration

Important – Prior to a student attending class or taking the written examination for a recertification we must have received the appropriate enrollment form and application fee. A class confirmation letter will be sent for each student attending the training class.

All applications (including preferred dates and locations) must be submitted to Mehdi Haeri of the Soils Laboratory at least six weeks prior to the preferred class date (see the bottom of the application for the mailing address). Applications may also be completed and submitted electronically utilizing our website.

For contractor applicants, a non-refundable application fee of US \$100.00 for attending the Full Training Course payable to the **NCDOT Materials and Tests Unit** shall be sent in with the application form. NCDOT applicants need not send in this fee because the appropriate Division will be charged. For contractor applicants, a non-refundable application fee of US \$25.00 for attending the On-line Self Study course payable to the NCDOT Materials and Tests Unit shall be sent in with the application form. NCDOT applicants need not send in this fee because the appropriate Division will be charged.

The full training class dates, locations and On-line Self-Study examinations can be found on the Materials and Tests website: (<http://www.ncdot.org/doh/operations/materials/>).

For classroom locations, please call (919) 329-4150 one-(1) week prior to class dates.

If you have any questions, please call Jim Sawyer or Mehdi Haeri at (919) 329-4150.

CP/MH/pac/jcs

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