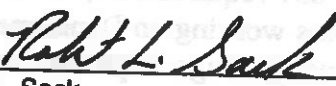


To: SUPERSEDED BY EC 10-009 EFFECTIVE 9/2/10		New York State Department of Transportation ENGINEERING INSTRUCTION	EI 06-028
Title: REVISION TO SECTION 402, HOT MIX ASPHALT (HMA) PAVEMENTS - DENSITY TESTING INSPECTOR CERTIFICATION REQUIREMENTS			
Distribution: ☒ Manufacturers (18) ☒ Local Govt. (31) ☒ Agencies (32) ☐ Surveyors (33) ☒ Consultants (34) ☒ Contractors (39) ☐ _____ ()		Approved:  R.L. Sack Deputy Chief Engineer, Technical Services 6 SEP 06 Date	

ADMINISTRATIVE INFORMATION:

- This Engineering Instruction (EI) is effective beginning with projects submitted for letting of 01/11/2007.
- This EI does not supersede any other issuances. It supplements EI 04-018.
- The revisions issued with this EI will be incorporated into a future update of the Standard Specifications.

PURPOSE: The purpose of this EI is to revise Standard Specification Section 402, *Hot Mix Asphalt (HMA) Pavements*, as amended by EI 04-018.

TECHNICAL INFORMATION:

- This EI issues changes to §402-3.07
- This change is not anticipated to affect bid prices.

IMPLEMENTATION: Main Office Design Quality Assurance Bureau will insert the Standard Specification Shelf Note into contract proposals beginning with projects submitted for the letting of 01/11/2007.

TRANSMITTED MATERIALS: Attached to this issuance is Standard Specification Shelf Note *Density Testing Inspector Certification Requirements*.

BACKGROUND: In the early 1990's, the Department began implementing specifications where contractors monitor pavement density using density gauges. The current Section 402 of the Standard Specification has three compaction methods, 50, 60, and 70 series, where gauges are used for density monitoring. The Department accepts the finished pavements either by testing cores (50 series) or by accepting density gauge readings obtained by contractors (60 and 70 series, and miscellaneous or short ramp sections under 50 series). Code of Federal Regulations 23 CFR 637, states that anytime the State accepts contractors' results for payment, a person performing those tests must be qualified. In order to qualify density gauge operators, the Associated General Contractors (AGC), with guidance from the Department, developed a training and certification course. The course will be available at various locations statewide and will be administered by Alfred State College, located at the address below.

Density Testing Inspector Certification Program
Center for Community Education and Training
Alfred State College
10 Upper College Drive
Alfred, NY 14802
(607) 587-4547
www.alfredstate.edu

To meet the 23 CFR 637 requirements, Section 402 of the Standard Specification is revised to require all density gauge operators working on Department contracts which specify a 50, 60 or 70 series compaction method to have a Density Gauge Inspector Certification.

CONTACT: Direct questions regarding this EI to Zueb Zavery of the Materials Bureau at (518) 485-5277 or via e-mail at zzavery@dot.state.ny.us.

DENSITY TESTING INSPECTOR CERTIFICATION REQUIREMENTS

Make the following changes to Volume 1 of 3 of the Standard Specifications, January 2, 2002:

Delete 10th paragraph in §402-3.07 as amended by EI 04-018 and **Replace** it with the following:

For 60 and 70 series compaction methods, use density gauges specified in §402-3.07 E, *Density Gauges*. The density gauge operator shall possess a current Density Gauge Inspector Certification from The Associated General Contractors, New York State Chapter, or its equivalent, as determined by the Director, Materials Bureau.

Any pavement section that is monitored by a non-certified gauge operator or by a gauge operator, whose certification is revoked for reasons outlined in the *New York State Inspector Certification Program* manual under "Decertification", may be rejected by the Department based on the evaluation of the pavement.

Additional gauge readings and/or sampling and testing of pavement cores in accordance with §402-3.08, *Pavement Density Samples* may be required. Evaluated pavement sections are subject to payment adjustment in accordance with Table 402-9, Density Quality Adjustment Factors.

The above requirement also applies when a density gauge is used for monitoring pavement density in the areas other than mainline under 50 series compaction method.