NJSAT Training Year: Winter 2020

Subject: **Superpave Asphalt Plant Advanced Technician Training Course. Five days of hands of training that includes; Aggregate Source and Consensus testing, Overview of Asphalt Binder PG Grading, and Complete Superpave Mixture Design. Course will also introduce concepts of: Stone Mastic Asphalt (SMA), NJDOT's "Specialty Mixes", Designing for Mixture Performance and Balanced Mixture Design.**

Thomas Bennert, Ph.D., Supervisor of the Rutgers Asphalt Pavement Laboratory, will be presenting the above course in February 2020 for HMA suppliers, testing laboratories, contractors, pavement consultants and other interested individuals. This course will prepare you to satisfy the educational requirements for New Jersey Society Asphalt Technologist (NJSAT) Level 2 Certification Program.

WHERE: **Rutgers University Asphalt Pavement Laboratory**
New Brunswick, NJ

WHEN: **February 11th, 13th, 14th**
February 18th, 20th, 21st (Exam Day)

TIME: **9:00 am to 4:30 pm**

FEE: **$1,650.00 For the training course. Fee includes: continental breakfast, lunch and course note book, NJSAT LEVEL 2 certification fee and examination. Note: A portion of the fee will be forwarded to the NJSAT to pay for certification and first year NJSAT annual dues.**

PREREQUISITE: Must be certified as NJSAT Asphalt Plant Technologist Level 1.

Please register as soon as possible by completing the information below. For inquiries call Thomas Bennert at 609-213-3312 or email at bennert@soe.rutgers.edu

Name _____

Phone _____ **Fax** _____

Street Address _____

City, State & Zip _____

Affiliation _____

Email Address _____

Checks should be made payable to: **Thomas Bennert**

Check and registration information should be mailed to:

Thomas Bennert
1245 Steeplechase Ct
Toms River, NJ 08755

ASPHALT PLANT TECHNICIAN TRAINING COURSE LEVEL 2
COURSE SCHEDULE

February 11, 2020

History of Superpave - Classroom
Asphalt Binder PG Grading – Classroom and Lab
Aggregate Source and Consensus Properties – Classroom and Lab

February 13, 2020

Review of Volumetric Properties and Analysis - Classroom
Review and Conduct Superpave Mix Design – Classroom and Lab

February 14, 2020

Complete Superpave Mix Design – Lab
Analyze Mix Design Results – Classroom
HMA Performance Testing – Classroom and Lab

February 18, 2020

Moisture Damage Susceptibility (TSR) – Classroom and Lab
Review NJDOT Superpave Specifications - Classroom
Overview Quality Control - Classroom
AASHTO Precision and Bias Statements – Classroom
SMA Design - Classroom

February 20, 2020

SMA and NJDOT Specialty Mixes – Classroom and Lab
Designing for Asphalt Mixture Performance – Classroom and Lab
Balanced Mixture Design Procedures – Classroom and Lab
Forensic Testing – What to look for when pavement distress occurs – Classroom
Overview of the Rutgers Asphalt Analysis Toolpak (RAAT) - Classroom

February 21, 2020

NJSAT Certification Examination (Level 2)