NJSAT Training Year: Winter 2023

Subject: **Superpave Asphalt Plant Advanced Technician Training Course. Five days of classroom and hands on 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) design, 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 2023 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. Participants should be prepared daily to conduct in aggregate/asphalt-related testing.

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

WHEN: **February 14th, 15th, 17th**
February 21st, 22nd, 24th (Exam Day)

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

FEE: **$1,700.00   For the training course. Fee includes: course note book, NJSAT LEVEL 2 certification fee and examination. A portion of the fee will be forwarded to the NJSAT to pay for certification and five years of NJSAT annual dues.**

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

For inquiries call Thomas Bennert at 609-213-3312 or email at bennert@soe.rutgers.edu
* Please contact prior to sending in registration/payment to ensure class availability

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 14, 2023

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

February 15, 2023

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

February 17, 2023

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

February 21, 2023

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 22, 2023

SMA and NJDOT Specialty Mixes – Classroom and Lab
Designing for Asphalt Mixture Performance – Classroom and Lab
Balanced Mixture Design Procedures – Classroom and Lab
Overview of the Rutgers Asphalt Analysis Toolpak (RAAT) - Classroom

February 24, 2023

NJSAT Certification Examination (Level 2)