

# **CERTIFIED INSPECTOR TRAINING ASPHALT PAVING INSPECTION**

- 1) Goal**
- 2) Essential Contract Parts**
  - a) Project Special Provisions**
  - b) Special Provisions**
  - c) Plans**
  - d) Standard Specifications**
  - e) Material Basis of Acceptance**
- 3) Equipment**
  - a) Asphalt Distributor**
  - b) Weighing Equipment**
  - c) Hauling Equipment**
  - d) Asphalt Paver**
  - e) Compaction Equipment**
- 4) Asphalt Plants**
  - a) Heating and storage Equipment**
  - b) Cold Feed Aggregate Bins**
  - c) Thermometric Equipment**
  - d) Dust Collectors**
  - e) Air Emission Permits**
  - f) Cold Aggregate Feed System**
  - g) RAP Material Conveyor**
  - h) Moisture Compensation**
  - i) Belt Scales**
  - j) Bituminous Material Feed System**
  - k) Calibrations of Feed Systems**
  - l) Mixing Drum**
  - m) Use of Storage Bins and Batchers**
- 5) Segregation**
  - a) Definition**
  - b) Plant Parts and Possible Causes**
  - c) Truck Loading**
  - d) MTV**
  - e) Segregation Profile**
  - f) Paver Adjustments**
- 6) Grade Control & Surface Tolerances**

- 7) String Lines**
- 8) Profilograph**
- 9) Compaction Requirements**
- 10) Roller Sequence**
- 11) Nuclear Gauge Calibration**
- 12) Joint Construction**
- 13) Seasonal Limitations**
- 14) Misc. Paving Requirements**
- 15) Milling**
  - a) Diagram and Equipment Requirements**
- 16) RAP in Mixes**
  - a) Mix %ages and Size Requirements**
- 17) Cold Recycled Asphalt Construction**
  - a) Description**
  - b) Equipment**
  - c) Construction Requirements**
  - d) Seasonal Limitations**
  - e) Pictures / Video**
- 18) Surface Recycled Asphalt Construction**
  - a) Description**
  - b) Equipment**
  - c) Construction Requirements**
  - d) Seasonal Limitations**
  - e) Pictures / Video**
- 19) Microsurfacing**
  - a) Description**
  - b) Equipment**
  - c) Construction Requirements**
  - d) Seasonal Limitations**
  - e) Pictures / Video**

**20) Asphalt Sealing**

- a) **Description**
- b) **Equipment**
- c) **Construction Requirements**
- d) **Seasonal Limitations**
- e) **Pictures / Video**

**21) HMA Commercial Grade**

- a) **Mix Requirements**
- b) **Asphalt Temperatures**
- c) **Temperature Correction**
- d) **Rate Check Examples**

**22) Ultrathin Bonded Asphalt Surface**

- a) **Description**
- b) **Equipment**
- c) **Construction Requirements**
- d) **Seasonal Limitations**
- e) **Pictures / Video**