

## Real – Time Quality Control (RTQC) for Asphalt Plants

The RTQC system for asphalt plants utilizes an RTSD, which captures a representative sample of asphalt from a haul vehicle and deposits the sample into the Field Ignition Oven (FIO). The FIO weights the sample, burns the asphalt off the sample, re-weights the sample, and produces an asphalt content test report. This burned sample is deposited into the Automatic Gradation Unit (AGU), which grades the sample and produces a gradation report in an Excel Format. Typical test time is 40-45 minutes.