



Basic Diagnostic Class on Cummins Engines

Instructor: Michael Sarro, Technical Support Manager Cummins Sales & Service
Location: Cambria County Transit Authority
 502 Maple Ave
 Johnstown, PA
Dates: June 19 – June 20, 2017
Attendees: Class is designed for mechanics with **little to no hands-on experience** with Cummins Insite. **10 WILL BE THE MAX FOR THIS IN CLASS & HANDS ON TRAINING (1 PER AGENCY)**
Time: June 19th 1:00 pm – 5:00 pm
 June 20th 8:00 am – 1:00 pm

Training Topics Include:

- Getting codes off of the bus
- Going through the chain of tracking the codes
- Troubleshooting
- Reviewing the codes and what they mean and how to repair what the problems
- Access engine speed sensor circuit diagrams, monitor engine parameters
- ECM Diagnostic test to perform cylinder cut-outs as well as cylinder performance

PennTRAIN will cover the following costs:

- Lodging June 19th (Room and Tax only)
- Meals: June 20th Breakfast and Box Lunch

Proper expense forms provided to PPTA no later than June 28, 2017

Lodging: **Holiday Inn Johnstown Downtown**
 Address: 250 Market St, Johnstown, PA 15901
 Phone: (814) 535-7777

Materials needed: Must bring a Laptop with the “INSITE” software program downloaded

Contact Information NEEDED for each attendee:

Name of Trainee:		Name of Agency:
Email of Trainee:		
Cell Phone of Trainee:		Title of Trainee:
Trainees Immediate Supervisor:		
Address:	City:	Zip:
Phone Number:		

FORM MUST BE COMPLETED AND EMAILED BACK May 31, 2017

LALLEN@PPTA.NET