

How to Comply With NJDOT/NJDEP Retrofit Requirements

- 1) Prior to starting construction, the Contractor completes EQUIPMENT INVENTORY AND REPORTING spreadsheet, available at www.Stopthesoot.org , and submits it to the RE.
- 2) If the Contractor is requesting a retrofit provided by NJDOT/NJDEP, the Contractor selects an authorized installer from the approved vendor list and submits the EQUIPMENT INVENTORY AND REPORTING form to the vendor.
- 3) The vendor will evaluate the equipment and assist the Contractor in selecting appropriate retrofit devices for each piece of equipment.
 - a) If the vendor recommends a less effective retrofit, the Contractor must contact a second vendor. If the second vendor recommends a less effective retrofit, the Contractor must submit a request on forms provided by NJDEP on www.stopthesoot.org.
 - b) If the installer cannot provide a Best Available Retrofit Technology (BART) for a specific piece of equipment, the Contractor must contact a second vendor. If the second vendor cannot provide a Best Available Retrofit Technology, the Contractor must submit a request for an exemption on forms provided by NJDEP on www.stopthesoot.org.
 - c) If the Contractor believes that the installation of a retrofit will create a safety hazard, the Contractor must submit a request for an exemption on forms provided by NJDEP on www.stopthesoot.org.
- 4) After receiving the recommendations from the vendor on the EQUIPMENT INVENTORY AND REPORTING form, the Contractor must submit the form to the RE for approval, along with the request for exemptions if applicable.
- 5) NJDOT will review the form, respond, and if acceptable, will provide an approval letter to the Contractor and the vendor.
- 6) After receiving approval, the Contractor must coordinate with the vendor to have the vendor schedule and conduct a technical evaluation of the equipment, including exhaust temperature profiling and opacity testing. These tests are conducted on each piece of equipment to ensure engine temperatures are hot enough and the engine isn't emitting excess smoke for the retrofits to work properly.
- 7) Testing data is evaluated by the authorized installer to determine if the equipment operates within acceptable parameters for the retrofit device. If test results are within acceptable parameters, the vendor orders the retrofit device from the manufacturer.
- 8) If the equipment operates within acceptable parameters*, the Contractor must schedule transport (if needed) and installation of device with the vendor.

- 9) After the retrofit is installed, the Contractor must sign a Post Installation Verification Form. Submit the Post Installation Verification Form to the RE within 5 days of picking up the equipment.
- 10) The vendor will submit an invoice and Post Installation Verification Form to NJDOT/NJDEP for approval and payment.
- 11) The Contractor must update the EQUIPMENT INVENTORY AND REPORTING SPREADSHEET quarterly within 10 days of the end of the quarters ending March 31, June 30, September 30 and December 31 by e-mail to the RE, or more frequently if additional non-road diesel equipment ≥ 100 hp is brought onto the site.

***Please note that it is important to select a vendor and have equipment evaluated and temperature profiled as soon as possible so that retrofit devices can be ordered and installed. Equipment that is in need of a tune-up or other maintenance must be serviced by the equipment owner prior to the retrofit process.**