Jericho Vandermolen

Diesel Mechanic

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SUMMARY

Diesel mechanic with 7 years on Class 8 tractors and trailers, ASE certified in 6 medium-heavy truck areas. Diagnoses Cummins X15, Detroit DD15 and PACCAR MX-13 engines and their aftertreatment systems with INSITE, DiagnosticLink and Davie. Cut road calls on a 140-truck fleet by a third through a tighter PM inspection routine.

EXPERIENCE

Diesel Technician II — Ozark Freightways

Joplin, MO · May 2021 – Present

- Diagnose and repair engine, aftertreatment, electrical and brake faults on a 140-tractor fleet, closing 6-8 work orders a shift.
- Rebuilt the PM-A and PM-B inspection checklists with the shop lead, cutting road calls from 21 to 14 a month over the following year.
- Traced repeat SCR efficiency derates on 9 trucks to a batch of failing NOx sensors and a cracked DEF line, ending 2 months of repeat visits.
- Completed 300+ DOT annual inspections with zero out-of-service findings on vehicles I signed off at roadside checks.

Diesel Technician — Tri-State Truck Center

Springfield, MO · Jun 2018 – Apr 2021

- Performed warranty and customer-pay repairs on Kenworth and Peterbilt trucks, averaging 115% of flagged hours over 2 years.
- Completed 25 in-frame overhauls on PACCAR MX-13 and Cummins ISX engines, with no comebacks within the 90-day warranty period.
- Ran forced DPF regenerations and cleaned or replaced 60+ filters, documenting ash loads for warranty claims.

SKILLS

Engines: Cummins X15 and ISX, Detroit DD13/DD15, PACCAR MX-13, Volvo D13 basics

Systems: DPF, SCR and EGR aftertreatment, air brakes, J1939 electrical, HVAC, drivetrain

Diagnostics: Cummins INSITE, Detroit DiagnosticLink, PACCAR Davie, Noregon JPRO, multimeter and scan tools

Shop systems: TMT Fleet Maintenance, Decisiv, DOT annual inspections, warranty documentation

CERTIFICATIONS

ASE Medium-Heavy Truck T2, T3, T4, T5, T6, T8, 2022

FMCSA Brake Inspector Qualified, 2019

EPA 609 Mobile A/C, 2018

EDUCATION

Diesel Technology Certificate, Ozarks Technical Community College, 2018

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