



TRANSPORTATION TECHNICIAN (8431-8433)

SCOPE OF WORK:

Work involves a variety of duties associated with roadway construction and maintenance and grounds maintenance for the Department of Transportation (DOT).

DUTIES PERFORMED AT ALL LEVELS:

- Operate a variety of equipment including trucks of various sizes, loader-tractors, rollers, power brooms, pulverizers, tractors with attachments, etc.
- Perform routine roadway maintenance including crack pouring, roadway sealing, guardrail, fence repair, minor structure repair, and concrete and asphalt repair.
- Remove snow and ice from roadways and walkways.
- Assist in the installation, repair, and maintenance of rest area and highway signs.
- Perform materials testing including sample taking, soil test compaction, gradation analysis, and concrete testing.
- Participate in inspections, surveying, and taking haul tickets.
- Perform building and grounds maintenance duties including mowing grounds, painting, clean up, basic carpentry, and plumbing.
- Perform troubleshooting and maintenance of information technology related equipment and radio tower grounds and buildings maintenance.
- Complete activity reporting and paperwork including timesheets, road reports, etc.
- Perform preventative maintenance and repair on vehicles and equipment.

NOTE: The duties listed are not intended to be all-inclusive. Duties assigned any individual employee are at the discretion of the appointing authority.

TRANSPORTATION TECHNICIAN I
 GRADE E

8431

LEVEL DEFINITION:

Work at this level involves performing a variety of transportation services under close supervision.

ADDITIONAL DUTIES PERFORMED AT THIS LEVEL:

CLASS CODES: 8431
8432
8433

ND Class Description
Transportation Technician

- Operate light equipment including tractors, trucks, etc.
- Under direct supervision, receive training and instruction in the operation of more complex maintenance equipment.

MINIMUM QUALIFICATIONS:

Requires a high school diploma or GED and a valid driver's license of a class appropriate to the equipment operated is also required. The class will be specified by the employing agency at the time of recruitment.

TRANSPORTATION TECHNICIAN II
GRADE G

8432

LEVEL DEFINITION:

Work at this level involves performing a variety of transportation maintenance services independently and at a fully qualified level.

ADDITIONAL DUTIES PERFORMED AT THIS LEVEL:

- Operate a variety of heavy-duty equipment such as graders, bulldozers, scrapers, tandem-axle trucks, backhoes, asphalt pavers, etc.
- Install, repair, and maintain rest area and highway signs, traffic signal systems, and sign lighting.
- Guardrail repairs.
- Perform minor repairs to equipment, structures, concrete surfaces, etc.

MINIMUM QUALIFICATIONS:

Requires a high school diploma or GED; two years of work experience with heavy equipment operation, highway maintenance, or construction-related work; and a class A driver's license with air brakes and a cargo tanker endorsement.

TRANSPORTATION TECHNICIAN III
GRADE H

8433

LEVEL DEFINITION:

Work at this level involves performing a wide variety of maintenance services and assisting with highway construction projects.

ADDITIONAL DUTIES PERFORMED AT THIS LEVEL:

- Perform more complex roadway maintenance including blade patching, structure repair, center line striping, and traffic control.
- Perform construction survey activities under supervision such as running line, blue topping, and cross sectioning, staking.
- Perform construction inspection activities under supervision such as seeding and mulching inspection, prime and tack coat inspection, checking width, depth and crown on base and surfacing, structure, excavating and embankment inspection, signing, chip and oil application rates, weighing trucks at scales, and taking haul tickets.
- Conduct materials testing including aggregate, soils, and hot bituminous pavement (HBP).
- Perform record keeping activities on reduce notes, tabulate quantities, force account, and construction automated record keeping system (CARS)
- May act as lead worker in supervisor's absence.

MINIMUM QUALIFICATIONS:

Requires two years of work experience at the Transportation Technician II level; or a high school diploma or GED, three years of work experience with heavy equipment operation, highway maintenance, or construction-related work, and a class A driver's license with air brakes and a cargo tanker endorsement. Two years of college coursework in engineering, heavy equipment operation or maintenance may substitute for up to two years of the work experience requirement.

Eff. Date: 12/07 - Series created to replace the Equipment Operator series in DOT.
Rev: 07/12 – Conversion to Hay System