

# **SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION**

## **LABOR COMPLIANCE**

### **Defined Work Classifications**

#### **LABORERS**

##### **GROUP CODE GL1**

**GL1 Air Tool Operator:** Any worker who uses tools driven by compressed air. May perform such work as breaking old pavement, loosening or digging hard earth, trimming bottom and sides of trenches, breaking large rocks, driving sheeting, driving pins into concrete forms, chipping concrete, trimming or cutting stone, or compaction of earthen backfill. May perform other related duties. May not perform related welding.

**GL1 Common Laborer:** A general term used on construction covering many unskilled occupations. A laborer may work alone or with crews performing a number of tasks including pick and shovel work, cleaning up lumber, shoveling and placing concrete, applying coating of oil to inside face of forms, placing mats on newly poured concrete and keep them moist for curing purposes, opening cement sack at batch plant, assisting with preparation of ground for seeding or sodding, laying culvert pipe into a grading project.

Duties may also include carrying, placing, tying reinforcing steel under supervision, cutting or bending rods with bending machine. Placing steel or prefabricated reinforcement assembly for placement in concrete forms. May rub concrete surfaces with abrasive stone to remove rough spots. May refuel equipment.

**GL1 Landscape Worker:** Operates hydraulic seeders, mulch blowers or equipment for applying liquid or dry fertilizer. May service and make necessary adjustments for proper operation or equipment. Plant trees, shrubs and vines. May also perform other manual work related to erosion control.

**GL1 Flagger:** A flagger must be South Dakota certified. Controls and directs vehicular or pedestrian traffic around the work site manually, using a flag and/or a stop-slow paddle. Flaggers may also be required to set up barriers, set out traffic warning cones, or tend flashing warning lights.

**GL1 Pilot Car Driver:** Operates a four wheeled vehicle, appropriately signed and marked, to guide traffic through a construction project.

**GL1 Trucks Less than 26,000 GVW:** May drive a single rear axle type truck, under 26,000 GVW, to transport loads of water or construction material. May have various beds attached which include, but are not limited to, dump, flatbed, and tank. May oil, grease or otherwise service a single-axle truck less than 26,000 GVW and make necessary adjustments as needed.

**GL1 Blue-top Checker:** (stake jumpers) pull stakes that have been inserted by the Grade Checker, to keep construction layout stakes away from dirt moving equipment. Duties may include giving hand signals to the grader operator for the depth of a cut needed.

**GL1 Materials Checker:** Duties include using a tape measure and directing the trucks dumping granular material to back up, if required. Duties may include bundling the daily weigh delivery tickets for the Superintendent's summary and certification.

# **SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION** **LABOR COMPLIANCE**

## **Defined Work Classifications**

### **GROUP CODE GL2**

**GL2 Mechanic, Tender (Helper):** Assists the mechanic with the maintenance and repair of all types of construction equipment. The work to be performed by the helper is not performed by another work classification in the wage determination and may not use the tools of the trade of the maintenance or heavy-duty mechanic, in accordance with the DOL's November 20, 2000 amended regulatory provisions concerning helpers. (See the Federal Register notice published on November 20, 2000, 65 Fed. Reg. 69, 674-69,693 <http://www.gpo.gov/fdsys/pkg/FR-2000-11-20/pdf/00-29533.pdf> )

**GL2 Pipe layer (except culvert):** Lays glazed or unglazed clay, concrete, steel or cast-iron pipe to form water lines, gas lines, sanitary sewers; smooths bottom of trench to proper elevation by scooping with a shovel; receives pipe lowered from top of trench; inserts spigot end of pipe into bell end of last pipe; adjusts pipe to line and grade, caulks joint with oakum or yarn and seals joint with cement or other sealing compound; may connect threaded or flanged joint pipe. May perform other related duties.

**GL2 Form Builder Tender (Helper):** Assists the form builder by doing duties such as laying out forms or carrying materials but may not use the tools of the trade of a form builder or carpenter, in accordance with the DOL's November 20, 2000 amended regulatory provisions concerning helpers. (See the Federal Register notice published on November 20, 2000, 65 Fed. Reg. 69,674-69,693 <http://www.gpo.gov/fdsys/pkg/FR-2000-11-20/pdf/00-29533.pdf> )

**GL2 Special Surface Finish Applicator:** Duties include preparing structure surface using sand blaster or power water sprayer to provide absorptive surface and apply commercial texture finish by brushing, rolling or by spraying - as per manufacturer's recommendations.

**GL2 Striping:** Applies paint pavement markings using a self-propelled pneumatic spraying machine or operates control knobs on the back of a paint truck.

### **GROUP CODE GL3**

**GL3 Asphalt Plant Tender:** Assists in operation of various phases of asphalt plant under the direction and supervision of asphalt plant operator. May perform other related duties.

**GL3 Pile Driver Leadsman:** Unloads and handles wood, metal, sheet piling, H-beams, concrete, or pipe. May fastens them to cable of winch or pile driver, shifts timber piles with cant hook, unloads and stacks piling, cleans and points pile with ax or shovel, rigs pile driving equipment, signals pile rig and guides pile and leads to the driven pile, aligns and plumbs pile using tape and level during driving; splices piles. May cut off piles, realign piles after driving, operate steam or air valves for pile hammer, may operate jetting equipment. May perform other related duties.

**GL3 Form Setter:** Fits together, aligns and sets to grade metal and wooden forms for holding concrete in place. Dismantles, moves, and cleans forms. May perform other related duties.

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## **Defined Work Classifications**

**GL3 Oiler/Greaser:** Lubricates the wearing surface of moving parts of mechanical equipment; changes oil, oil filters, and greases; refuels equipment. Uses grease guns to force grease into bearings. Packs grease cups by hand. Makes minor adjustments on drive chains and clutches. Keeps machines and equipment clean. May drive a truck that carries the various fuels, oils and greases. May perform other related duties.

### **GROUP CODE GL5**

**GL5 Carpenter/Form Builder:** May read and interpret plans, builds in place or in units to be erected later the forms or constructs false work for molding concrete structures. Fits together, aligns, plumbs vertically, sets elevation, measures space between forms to plan dimensions.

### **GROUP CODE GL6**

**GL6 Concrete Finisher:** Screeds concrete to approximate elevation and uses steel trowels or floats to achieve desired surface texture. Finishes concrete for curbs and gutters. May use mechanical finishing machine. Uses masonry tools after forms have been removed to patch holes and broken corners with fresh concrete. May perform other related duties.

**GL6 Painter:** Paints structural steel framework of bridges, guardrails and cables of bridges and other structures. May perform other related duties.

**GL6 Grade Checker:** Measures, marks, sets stakes and evaluates elevation, moisture content, compaction of fill or cut slopes, and directs operation and movement of equipment in a safe, uniform manner, according to plans or blueprints, which he/she reads and interprets. May periodically operate, adjust cut and grade equipment, including motor grader, scraper, crawler-tractor, bulldozer, loader, or other processing equipment to determine the correct rate, depth, angle, quality, path or route such equipment shall take. May perform other related duties.

## **POWER EQUIPMENT OPERATORS**

### **GROUP CODE GO1**

**GO1 Concrete Paving Cure Machine:** Operate a self-propelled machine which travels on concrete paving forms, and operates pump on the machine which sprays curing compound on freshly poured concrete. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO1 Concrete Paving Joint Sealer:** Operates a powered machine that mixes sealing compound for sealing expansion and contraction joints in pavement. Machine may have heater attachment. Operator guides machine over joint as sealing compound is pumped directly into joint. May oil, grease or otherwise service and make necessary adjustment. May perform other related duties.

# **SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION** **LABOR COMPLIANCE**

## **Defined Work Classifications**

**GO1 Conveyor:** Operates conveyor with or without screening and or mixing attachment. May oil, grease or otherwise service and make necessary adjustments and repairs to the machine. May perform other related duties.

**GO1 Tractors – Farm Type with Attachments, Including Loaders, but Excluding Backhoe:** Operates a gasoline or diesel powered farm tractor. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO1 Self Propelled Broom:** Operates a self-propelled gasoline or diesel powered broom. Works controls or levers to lower or raise and/or control angle of the broom. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO1 Concrete Routing Machine:** Operates a small hand-held-cut-off saw or a big walk behind saw to cut concrete, masonry, brick, asphalt, and other solid materials. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO1 Paver Feeder:** Duties include operating levers of the feeder that is attached to the front of a paving machine to engage the conveyor to pick up the asphalt from the roadbed and feeds the asphalt into the paving machine.

**GO1 Pugmill:** Duties include processing sub base or base course material by road mix or plant mix methods; which includes operating levers to uniformly feed material into mixer at a pre-determined rate. May oil, grease or otherwise service equipment as needed.

**GO1 Skid Steer:** Operates a small powered (Bob Cat like) machine that is used to dig, move landscaping and building materials, grade, jackhammer cement, and load trucks. Machine may have other attachments. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

## **GROUP CODE GO2**

**GO2 Bulldozer – 80 H.P. or Less:** Operates a tractor with a concave steel scraper blade mounted in front of chassis to level, distribute and push earth. May oil, grease, or otherwise service and make minor repairs to equipment as needed. May perform other related duties.

**GO2 Front End Loader – 1 ¼ CU. YD. or less bucket capacity:** Operates a rubber tired or crawler type tractor with an attached scoop type bucket on the front end. Moves levers to raise and lower bucket and dump contents of bucket to load materials from stockpiles, excavation, charging batch plants and load trucks. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

# **SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION**

## **LABOR COMPLIANCE**

### **Defined Work Classifications**

**GO2 Self-propelled Roller (except Hot Mix):** Operates a self-propelled gasoline or diesel powered machine which is used to compact earth fills, bases and other types of materials (except bituminous hot mix), to smooth road subgrade for paving work. Rides on platform of machine and move levers or pedals or throttles to control and guide machine over surface that is being rolled. May oil, grease or otherwise service and make necessary adjustment to equipment as needed. May perform other related duties.

**GO2 Sheepsfoot/50 Ton Pneumatic Roller:** Operates a crawler track or rubber tired tractor to pull a sheepsfoot or extra heavy pneumatic roller which is used to compact earth fills, flexible bases, etc. May oil, grease or otherwise service and make necessary adjustment to equipment as needed. May perform other related duties.

**GO2 Pneumatic Tired Tractor or Crawler (includes Water Wagon and Power Spray units):** Operates a diesel or gasoline powered crawler track or rubber tired tractor to pull disc, heavy root plows, wagon rippers, water wagons and power spray units. May include other operations that use this type of tractor. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO2 Wagon Drill (Air Trac – Trac Drill):** Sets up and operates drilling mechanism that drills holes through dirt, concrete or rock, vertical or horizontal, as well as at various angles. Inserts and fastens drill steel in machine. May adjust drill angle and lock in position. Controls drilling and speed of drill by moving levers. May oil, grease or service and make necessary adjustments to equipment. May perform other related duties.

**GO2 Truck Type Auger Operator:** Operates an auger-type drilling machine mounted on rear of truck. Starts power unit and manipulates controls to set speed, depth and angle of drill. May drive truck from location to location. May oil, grease or service and make necessary adjustments to equipment. May perform other related duties.

**GO2 Concrete Paving Saw:** Operates a water-cooled power saw with either diamond or an abrasive blade to saw expansion and contraction joints in concrete paving. May saw asphaltic pavements. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

### **GROUP CODE GO3**

**GO3 Asphalt Distributor:** Fills tank, regulates burners, adjusts valves, may operate pump and spray bars for spraying asphaltic oil or bituminous emulsions on road surfaces or slopes. May operate valves and levers on truck to control distribution and may drive truck. May oil, grease or otherwise service and make necessary adjustments and repair of machine. May perform other related duties.

**GO3 Bulldozer – Over 80 H.P:** Operates a large tractor with a concave steel scraper blade mounted in front of the chassis to level, distribute and push earth. Such tractor may also be used as a pusher in loading earth-carrying equipment. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

# **SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION**

## **LABOR COMPLIANCE**

### **Defined Work Classifications**

**GO3 Concrete Paving Finishing Machine:** Operates a self-propelled machine (mainline or curb and gutter) which levels fresh concrete to approximate grade and contour. May oil, grease or otherwise and make necessary adjustments to equipment as needed. May perform other related duties.

**GO3 Backhoes/Excavators – 20 tons or less equipment operating weight:** Operates boom type excavation equipment. May oil, grease or service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO3 Crusher (may include internal screening plant):** Operate the primary crusher of a rock crushing plant, adjusting levers controlling the feed of rock into the crusher and operating the controllers of all conveyors on the unit. May manipulate the rock on the feeder so that it will enter in the best position for crushing. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO3 Front End Loader – Over 1 ¼ CU. YD. bucket capacity:** Operates a rubber tired or crawler type tractor with an attached scoop type bucket on the front end. Moves levers to raise and lower bucket and dump contents of bucket to load materials from stockpiles, excavation charging batch plants and load trucks. May oil, grease or otherwise service and make necessary adjustment as needed. May perform other related duties.

**GO3 Rough Motor Grader:** Operates motor grader to level dirt, strip, maintain haul roads, windrow, mix, aerate and assist laydown of asphalt and base materials and similar operations. May oil, grease or otherwise service and make necessary adjustment to equipment as needed. May perform other related duties.

**GO3 Self-propelled Hot Mix Roller:** Operates a self-propelled gasoline or diesel powered machine which has either two or three steel flat wheels or pneumatic tires mounted beneath a frame which are used to compact and smooth bituminous materials other than seal and blotter. Rides on platform of machine and moves levers or pedals or throttle to control and guide machine over surface that is being rolled. May oil, grease or otherwise service and make necessary adjustment to equipment as needed. May perform other related duties.

**GO3 Push Tractor:** Operates a large tractor used to push earth-carrying equipment. May oil, grease or service and make necessary adjustments to equipment. May perform other related duties.

**GO3 Euclid or Dumpster:** Operates a self-propelled, rubber tired, truck type machine, designed primarily for rugged, heavy duty, off-road use, to haul any single or variety of materials, except water. May be forward, rear or belly dump. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO3 Material Spreader:** Operates various types of spreader boxes or devices, including shouldering machine, for the purpose of spreading gravel, rock chips, lime or similar materials on roadbed. Duties may include interpretation of plan grade and elevations. May oil, grease or otherwise service and make necessary adjustments and repairs to equipment. May perform other related duties.

# **SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION**

## **LABOR COMPLIANCE**

### **Defined Work Classifications**

**GO3 Rumble Strip Machine:** Operates small machines used to cut wide grooves on concrete or asphalt. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

#### **GROUP CODE GO4**

**GO4 Asphalt Paving Machine Screed Operator:** Manipulates hand or foot levers to control movement of paving machine that spreads and levels asphaltic concrete on subgrade of highway; turns hand wheels to raise or lower screeds, regulates width of screed, as well as spreading and leveling asphaltic concrete; may spread and level other bituminous materials. May oil, grease, or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO4 Asphalt Paving Machine:** Operates, services and maintains an asphalt paving machine. May manipulate and adjust hand or foot levers to control movement of paving machine. May oil, grease, or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO4 Cranes, Derricks, Draglines, Pile Drivers, and Shovels – 30 to 50 tons equipment operating weight:** Operates boom type equipment to hoist and move materials, raise and lower heavy weights and perform related operations. Classification is based on the type of machine or attachment being used, location of machine, and/or work being performed. Such equipment is used for excavation, pouring concrete, setting steel, or other tasks for which crane or stick type equipment is required. May include hoist operations. May oil, grease or service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO4 Backhoes/Excavators – 21 to 40 tons equipment operating weight:** Operates boom type excavation equipment. May oil, grease or service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO4 Maintenance Mechanic:** Performs preventative and routine maintenance on all types of construction equipment. Makes minor adjustments and repairs, as necessary to the equipment and machinery for the purpose of maintaining its already operable status. May analyze, diagnose and repair small engines and related construction equipment. May perform welding and other duties related to this classification.

**GO4 Scrapers:** Drives a tractor to pull a steel bowl-like scoop (scraper), mounted on wheels that scrapes up earth and transports it to a designated place; manipulates a series of levers to lower cutting edge of scraper into ground, to raise cutting edge when scraper is full and to empty scraper. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO4 Concrete Pump Truck:** Operates a large diesel-powered truck mounting a powerful pump, sectioned hose or cylinder, and cylinder frame used to dispense concrete. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

# **SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION**

## **LABOR COMPLIANCE**

### **Defined Work Classifications**

#### **GROUP CODE GO5**

**GO5 Asphalt Plant:** Operates services and maintains an asphalt plant with the assistance of plant helpers, if necessary. May perform other related duties.

**GO5 Concrete Batch Plant:** Operates a stationary or portable batching scale that weighs concrete materials. Adjusts scales for required weight of materials. Operates controls that admit materials separately from storage hoppers to weighing bins. Observes scales or indicators that show when proper amounts of materials have been prepared. Discharges materials from weighing bin into truck or other carrier or mixer. May measure materials by volume or weight. May perform other related duties.

**GO5 Backhoes/Excavators – over 40 tons equipment operating weight:** Operates boom type excavation equipment. May oil, grease or service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO5 Cranes, Derricks, Draglines, Pile Drivers, and Shovels – Over 50 tons equipment operating weight:** Operates boom type equipment to hoist and move materials, raise and lower heavy weights and perform related operations. Classification is based on the type of machine, and/or work being performed. Such equipment is used for excavation, pouring concrete, setting steel, or other tasks for which crane or stick type equipment is required. May include hoist operations. May oil, grease or service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO5 Heavy Duty Mechanic:** Conducts the mechanical assembly, set up and initial adjustment of all types of construction equipment. Analyzes, diagnoses and conducts repair of disabling mechanical failures occurring to construction machinery, other than small engine and related equipment. May perform welding and other duties related to this classification.

**GO5 Finish Motor Grader:** Performs duties incidental to motor grader (rough), except works to closer grade tolerance which consists of fine grading for pavement, laying asphalt, and stabilized base and final finish on earthwork. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO5 Automatic Fine Grader/Milling Machine Operator:** Operates a machine, which may be self-propelled and which maintains a grade through an automatic sensing device and is equipped with knives, teeth, blades or augers and appropriate strike-off plates to plane dirt, gravel, asphalt or concrete to the desired cross section and elevation. Sets templates to be used to establish the proper grade. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GO5 Bridge Welder:** Duties of a certified bridge welder may include welds of position 3G (vertical) and/or position 4G (overhead) on steel structures. Steel structure welding shall be done in accordance with the latest edition of the ANSI/AASHTO/AWS D1.5 Bridge Welding Code and /or D1.1 Structural Welding Code-Steel (Code). Approved Welding Procedure Specifications are required for all (steel structure) welding and shall be based upon Procedure Qualification Testing in accordance with the Code. Such welding will not be allowed without a valid Welder Certification Card.



# **SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION** **LABOR COMPLIANCE**

## **Defined Work Classifications**

### **TRUCK DRIVERS \***

#### **GROUP CODE GT1**

**GT1 Tandem Truck (without trailer or pup):** Drives a heavy duty gasoline or diesel powered tandem, rear axled, single unit truck used to haul water, materials and equipment. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GT1 Single Axle Truck over 26,000 GVW (with trailer):** May drive a single rear axle type truck, over 26,000 GVW, to transport loads of water or construction material. May have various beds attached which include, but are not limited to, dump, flatbed, and tank. May oil, grease or otherwise service a single-axle truck and make necessary adjustments as needed.

#### **GROUP CODE GT2**

**GT2 Semi-Tractor and Trailer:** Drives a heavy duty gasoline or diesel powered tractor-trailer (Semi Trailer) combination, truck used to haul water, materials and equipment. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**GT2 Tandem Truck (with pup):** Drives a heavy duty gasoline or diesel powered tandem truck with pup; rear axled, single unit truck used to haul water, materials and equipment. May oil, grease or otherwise service and make necessary adjustments to equipment as needed. May perform other related duties.

**\* In accordance with the U.S. Department of Labor's (USDOL's) FINAL RULE, dated December 20, 2000 and effective January 19, 2001, the Davis-Bacon Act definitions of "construction" and "site-of-the work" were revised. The USDOL clarified that truck drivers transporting material, equipment or supplies are not performing construction; therefore, are not covered by the Davis-Bacon wages. The USDOL also clarified that truck drivers hauling material from a plant or pit are not covered by the Davis-Bacon wages unless two conditions are met; 1) the plant/pit must be dedicated exclusively to the project AND, 2) the plant/pit must be located adjacent or virtually adjacent to the project site. It is the position of the USDOL that truck drivers are not covered by Davis-Bacon wages if the time spent loading or unloading at the project site is not more than *de minimis* (more than 20% of the truck driver's work week hours). The SDDOT's definition for "adjacent or virtually adjacent" is within ½ mile radius of the project proper. Both ends of a haul must be within a ½ mile radius of the project for the GT1 or GT2 Truck Driver wage rates to apply.**

### **ELECTRICIANS**

#### **GROUP CODE EO1**

**EO1 Journey Electrician:** Duties include wiring, installing and repairing electrical apparatus and equipment in accordance with the standards established by the state electrical commission. This classification also includes persons performing the duties of an electrician who are not registered in an approved Apprenticeship program. May perform other related duties.