#### COUNTY OF SONOMA - JOB DEMANDS ANALYSIS

JOB CLASSIFICATION: Lead Heavy Equipment Technician

**DEPARTMENT: General Services** 

**DOT OCCUPATION CODE: 620.261-022** 

**DATE COMPLETED: April 2018** 

**DIVISION: Fleet** 

PHYSICAL DEMAND STRENGTH RATING: Heavy per job analysis

#### INSTRUCTIONS TO MEDICAL PROVIDERS COMPLETING THIS FORM:

Please use the "Medical Provider Use Only" columns to the right of each section and the "Medical Provider's Comments & Signature" Section on the signature page to provide work restrictions by indicating whether there is some portion of each function that the employee can perform; designating whether each restriction is temporary or permanent; and, if restriction is temporary, stipulating the expected duration of work restriction(s). To finalize the form, please provide the name of the employee evaluated and additional comments, as appropriate, then sign and date where indicated.

#### **FREQUENCY RATING:**

| Frequency        | Percentage of time per shift | Repetition (#<br>times per shift) | 8 Hr Shift | 9 Hr Shift | 10 Hr Shift | 12 Hr Shift |
|------------------|------------------------------|-----------------------------------|------------|------------|-------------|-------------|
| Never (N)        | n/a                          | n/a                               | n/a        | n/a        | n/a         | n/a         |
| Occasionally (O) | 1 - 33%                      | 1 – 100                           | 0 - 2.5    | 0 - 3      | 0 - 3.5     | 0 – 4       |
| Frequently (F)   | 34 - 66%                     | 100 – 500                         | 2.5 - 5.5  | 3 - 6      | 3.5 - 7     | 4-8         |
| Continuously (C) | 67 - 100%                    | 500+                              | 5.5 – 8    | 6 - 9      | 7 - 10      | 8 - 12      |

#### PART 1 - JOB DUTIES/FUNCTIONS:

| A. Job Duty/Function  |      |   | D. Equipment or    | •          |                |   | Medical Provider Use Only: For  |
|---|------|---|--------------------|------------|----------------|---|---------------------------------|
|   | Duty | _ | tools used to      | •          | l <sup>r</sup> |   | each job duty/function,         |
|   | #    |   | perform (Describe) |            |                |   | indicate in this column "Can    |
|   |      |   |                    |            | (Y/N)          |   | Perform", is "Temporarily       |
|   |      |   |                    | Required?  |                |   | Restricted" from performing, or |
|   |      |   |                    | (Describe) |                |   | is "Permanently Restricted"     |
|   |      |   |                    |            |                |   | from performing.                |
| While performing the following duties, employees in this position |      |   |                    |            |                |   |                                 |
| work in a busy, noisy maintenance facility, with vehicles and     |      |   |                    |            |                |   |                                 |
| equipment moving in and out continuously, and in the field under  |      |   |                    |            |                |   |                                 |
| varying conditions, including in all weather conditions, with     |      |   |                    |            |                |   |                                 |
| prolonged exposure to direct sun, rain, fog, or other severe      |      |   |                    |            |                |   |                                 |
| weather conditions; works on wet, muddy, and uneven surfaces,     |      |   |                    |            |                |   |                                 |
| and in both daylight and dark/dim conditions.                     |      |   |                    |            |                |   |                                 |
| Leads a team of Heavy Technicians and Mechanics: trains staff;    | 1    | F |                    |            | Υ              | E |                                 |
| assigns work; provides advice and technical guidance as a subject |      |   |                    |            |                |   |                                 |
| matter expert; resolves the most complex issues.                  |      |   |                    |            |                |   |                                 |
| Assists the Supervisor in evaluating subordinate staff; records   | 2    | 0 | Computer           |            | Υ              | E |                                 |
| work performed or work to be performed by subordinates on         |      |   |                    |            |                |   |                                 |
| standard and computerized garage forms; completes time cards      |      |   |                    |            |                |   |                                 |
| on work completed.  |      |   |                    |            |                |   |                                 |

| A. Job Duty/Function  Ensures Heavy Equipment Mechanics and Technicians are trained on and follow appropriate safety protocols; reports any safety issues to Supervisor; develops and maintains related documentation.   | Duty<br># | - | D. Equipment or<br>tools used to<br>perform (Describe)                 | Expertise,  | position | G. Essential<br>or Non-<br>Essential | Medical Provider Use Only: For each job duty/function, indicate in this column "Can Perform", is "Temporarily Restricted" from performing, or is "Permanently Restricted" from performing. |
|--|-----------|---|--|---|----------|--------------------------------------|--|
| Using good judgment, diagnoses routine and complex electronic and mechanical problems or failures, either visually or using automotive diagnostic equipment; determines service or repairs required; works at designated work areas and in the field; stands on concrete floor with arms overhead; crawls under vehicles; bends over vehicle fenders and engines in confined spaces; works in a busy, noisy shop environment with vehicles and equipment moving in and out continuously.   | 4         |   | Diagnostic testing equipment, small and large hand tools; power tools. | ASE Master Medium/Hea vy Truck Technician certificate; California Council on Diesel Education and Technology I and II certificates. | Y        | E                                    |  |
| Performs the most difficult servicing of heavy equipment: checks and changes oil and filters; adjusts brakes, steering, clutches, winches, tracks, and related operational and moving parts; applies lubes and greases; services emission control devices; checks fluids; performs alignments; performs oil analysis testing; replaces parts according to maintenance schedule; stands on concrete floor with arms overhead; crawls under vehicles; bends over vehicle fenders and engines in confined spaces; awkward reaching, bending, kneeling and lifting as required by service; works in a busy, noisy shop environment with vehicles and equipment moving in and out continuously. | 5         | F | Small and large<br>hand tools; power<br>tools                          | ASE Master Medium/Hea vy Truck Technician certificate, California Council on Diesel Education and Technology I and II certificates. | Y        | E                                    |  |
| Inspects and services emissions control devices; performs related testing and certification; maintains related records for compliance.   | 6         | Ο | Small and large<br>hand tools; power<br>tools                          | License for Emission Control Testing and Certification  | Y        | E                                    |  |

| A. Job Duty/Function  |    | Rating | tools used to<br>perform (Describe) | Expertise,   | position | or Non-<br>Essential | Medical Provider Use Only: For each job duty/function, indicate in this column "Can Perform", is "Temporarily Restricted" from performing, or is "Permanently Restricted" from performing. |
|---|----|--------|-------------------------------------|--|----------|----------------------|--|
| Performs difficult repairs and re-builds of heavy equipment, including engines, transmissions, and various systems: disassembles and reassembles equipment; installs replacements parts and components; repairs engines, transmissions, clutch and brake systems, alternator and starter systems, pump, steering systems, and other major automobile components; repacks whee bearings; checks and adjust component parts; uses tools of various size and weights; moves parts weighing 75+ pounds, using carts, hand trucks, or other lifting devices; stands on concrete floor with arms overhead; crawls under vehicles; bends over vehicle fenders and engines in confined spaces; awkward reaching, bending, kneeling and lifting as required by repair; works in a busy, noisy shop environment with vehicles and equipment moving in and out continuously. |    |        | hand tools; power<br>tools          | ASE Master Medium/Hea vy Truck Technician certificate, California Council on Diesel Education and Technology I and II certificates | Y        | E                    | ı  |
| Performs acetylene, arc, and electric welding to fit, fabricate, or repair parts.   | 8  |        | Welding<br>equipment and<br>tools   |  | Y        | E                    |  |
| Communicates by phone, email, or in person with co-workers and supervisors to coordinate repairs; communicates with customers on status of equipment installation and repair projects; communicates with vendors regarding replacement and defective parts, and parts returns.  |    | F      | Computer, Phone                     |  | Y        | E                    |  |
| Responds to emergency requests in the field; drives to off-site locations; determines feasibility of performing repairs on site; drives vehicles and equipment in a busy, noisy shop environment; test drives vehicles and equipment to ensure repairs are completed  | 10 |        | power tools                         | California<br>Drivers'<br>License,<br>California<br>Class A<br>Commercial<br>Drivers'<br>License                                   | Y        | E                    |  |
| Researches and recommends upgrades to equipment and supporting technology; determines parts needed for repairs; enters data into Fleet computer databases; maintains accurate electronic and paper records and files; orders parts; generates reports, charts and graphs related to work flow and vehicle statistics.   | 11 | О      | Computer                            |  | Y        | E                    |  |

| A. Job Duty/Function   | B. Job | C. Freq | D. Equipment or    | E. Specialized | F. Reason | G. Essential | Medical Provider Use Only: For  |
|--|--------|---------|--------------------|----------------|-----------|--------------|---------------------------------|
| "  | Duty   | Rating  | tools used to      | Expertise,     | position  | or Non-      | each job duty/function,         |
|  | #      |         | perform (Describe) | License,       | exists?   | Essential    | indicate in this column "Can    |
|  |        |         |                    | Certification  | (Y/N)     |              | Perform", is "Temporarily       |
|  |        |         |                    | Required?      |           |              | Restricted" from performing, or |
|  |        |         |                    | (Describe)     |           |              | is "Permanently Restricted"     |
|  |        |         |                    |                |           |              | from performing.                |
| Participates in continuous training, research, study, and reading, | 12     | 0       | Computer           |                | N         | Υ            |                                 |
| both on and off-site, to keep current on vehicle repair standards, |        |         |                    |                |           |              |                                 |
| and best practices, and to maintain applicable working             |        |         |                    |                |           |              |                                 |
| knowledge.   |        |         |                    |                |           |              |                                 |
| Monitors and performs routine maintenance on shop equipment;       | 13     | 0       | Computer, phone    |                | N         | N            |                                 |
| reports issues requiring maintenance by outside vendor to          |        |         |                    |                |           |              |                                 |
| management.  |        |         |                    |                |           |              |                                 |

# **PART 2: PHYSICAL DEMANDS**

| RT 2: PHYSICAL DEMANDS  | le 1 c                            |   |                | DD 61 (ID 5D              | luce cour                 |
|---|-----------------------------------|---|----------------|---------------------------|---------------------------|
| Antivity  | Examples of<br>Duties/Functions   | FREQUENCY RATING                            | MEDICAL        | PROVIDER                  | USE ONLY:                 |
| Activity  | Requiring Activity                | Never, Occasional;<br>Frequent, or Constant | Can<br>Perform | Temporarily<br>Restricted | Permanently<br>Restricted |
| Sitting (i.e., Reading technical information, entering in parts information in computer system)   | 2 0 10 11 12 12                   | -   | CHOIM          | Nestricted                | nestricted                |
| Walking (i.e., Walking to and from parked   |                                   |   |                |                           |                           |
| vehicles and the service/repair area of the facility;   | 12156790                          |   |                |                           |                           |
|   |                                   | F   |                |                           |                           |
| accessing vehicles/equipment in the field that  | 10                                |   |                |                           |                           |
| requires servicing)   |                                   |   |                |                           |                           |
| Running   | N/A                               | N   |                |                           |                           |
| Standing (i.e., Working on vehicles that are up in the air on a lift, entering parts information in computer system, performing smog check program testing)           | 1,2,3,4,5,6,7,8,<br>9,11,13       | F   |                |                           |                           |
| <b>Bending-Neck</b> (i.e., Working on vehicles on level ground or are up in the air on a lift; working under dashboard or closed in spaces on vehicles and equipment) | 1,2,3,4,5,6,7,8,<br>9,10,11,12,13 | F   |                |                           |                           |
| Bending-Waist (i.e., Loading and unloading parts  |                                   | F   |                |                           |                           |
| carts; installing parts on vehicles; dismounting  | 4567040                           |   |                |                           |                           |
| and mounting tires; working under dashboard or  | 4,5,6,7,8,10                      |   |                |                           |                           |
| closed in spaces on vehicles and equipment)   |                                   |   |                |                           |                           |
| Squatting (i.e., Picking up parts, tools and  |                                   | F   |                |                           |                           |
| equipment; accessing areas of   | 4,5,6,7,8,10                      | '   |                |                           |                           |
| vehicles/equipment being serviced or repaired)  |                                   |   |                |                           |                           |
| <b>Climbing</b> (i.e., Climbing on ladders to view the top of tall vehicles)  | 4,5,7,8                           | 0   |                |                           |                           |
| Kneeling (i.e., Installing equipment inside the   |                                   |   |                |                           |                           |
| dash and floor areas of vehicles; checking tire air   |                                   |   |                |                           |                           |
| pressure readings; inspecting vehicles for collision  | 4,5,6,7,8,10                      | F   |                |                           |                           |
| repair damage; accessing areas of   |                                   |   |                |                           |                           |
| vehicles/equipment being serviced or repaired)  |                                   |   |                |                           |                           |
| Crawling (i.e., Inspecting underneath a vehicle   |                                   |   |                |                           |                           |
| that cannot be installed on a vehicle lift or limits the range height while on a lift)  | 4,5,6,7,8,10                      | 0   |                |                           |                           |
| Twisting- Neck (i.e., Working underneath the hood of a vehicle and instrument panel)  | 1,2,3,4,5,6,7,8,<br>9,10,11,12,13 | F   |                |                           |                           |
| Twisting-Waist (i.e., Removing and installing   |                                   | F   |                |                           |                           |
| wheels, suspension components on a vehicle and working under an instrument panel)   | 4,5,6,7,8,10                      |   |                |                           |                           |
| Repetitive Hand Use (i.e., Replacing vehicle fluids and filters, holding and using tools, checking tire   | 4,5,6,7,8,10                      | F   |                |                           |                           |
| air pressure readings)  |                                   |   |                |                           |                           |
| Simple Grasping-Right Hand (i.e., Holding tools   | 1.55555                           | F   |                |                           |                           |
| such as screwdrivers, wrenches, impact drivers,   | 4,5,6,7,8,10                      |   |                |                           |                           |
| and pliers)   |                                   |   |                |                           |                           |
| <b>Simple Grasping-Left Hand</b> (i.e., Holding tools such as screwdrivers, wrenches, impact drivers, and pliers)   | 4,5,6,7,8,10                      | F   |                |                           |                           |
| <b>Power Grasping-Right Hand</b> (i.e., Using tools such as screwdrivers, wrenches, impact drivers, and pliers)   | 4,5,7                             | F   |                |                           |                           |
| Power Grasping-Left Hand (i.e., Using tools such  |                                   | F   |                |                           |                           |
| as screwdrivers, wrenches, impact drivers, pliers)  | 4,5,7                             | '   |                |                           |                           |
| Fine Manipulation-Right Hand (i.e., Installing of   |                                   | F   |                |                           |                           |
| small screws and bolts, soldering wiring connections, replacing light bulbs)  | 4,5,6,7,8                         | F   |                |                           |                           |

|  | Examples of        | FREQUENCY RATING      | MEDICAL | PROVIDER    | USE ONLY:   |
|--|--------------------|-----------------------|---------|-------------|-------------|
| ·  | Duties/Functions   | Never, Occasional;    | Can     | Temporarily | Permanently |
|  | Requiring Activity | Frequent, or Constant | Perform | Restricted  | Restricted  |
| <b>Fine Manipulation-Left Hand</b> (i.e., Installing of small screws and bolts, soldering wiring | 45670              | F                     |         |             |             |
|  | 4,5,6,7,8          |                       |         |             |             |
| connections, replacing light bulbs)  |                    | _                     |         |             |             |
| Pushing and Pulling-Right hand (i.e., Removing/  | 4,5,7,8            | F                     |         |             |             |
| installing tires, wheels, suspension components)   | , , ,              | _                     |         |             |             |
| Pushing and Pulling-Left hand (i.e., Removing and  | 4570               | F                     |         |             |             |
| installing of tires, wheels, suspension  | 4,5,7,8            |                       |         |             |             |
| components)  |                    | _                     |         |             |             |
| Reaching -above shoulder level (i.e., Installing   | 4567040            | F                     |         |             |             |
| vehicle antennas, light bars, headliners, ladder   | 4,5,6,7,8,10       |                       |         |             |             |
| racks)   |                    |                       |         |             |             |
| Reaching- below shoulder level (i.e., Dismounting  | 2,3,4,5,6,7,8,9,   | F                     |         |             |             |
| and mount tires, operating tire, brake lathe,  | 10                 |                       |         |             |             |
| parts cleaner equipment)   | 10                 |                       |         |             |             |
| <b>Lifting-up to 10 lbs.</b> (i.e., Picking up new and used                                      | 3,4,5,6,7,8,10     | F                     |         |             |             |
| parts, tools, and equipment)   | 3,4,3,0,7,0,10     |                       |         |             |             |
| <b>Lifting-11-25 lbs.</b> (i.e., Picking up new and used   | 4,5,6,7,8          | F                     |         |             |             |
| parts, and equipment)  |                    |                       |         |             |             |
| Lifting-26-50 lbs. (i.e., Picking up brake rotors, and   | 4,5,7              | F                     |         |             |             |
| mounted wheels and tires)  | 4,3,7              |                       |         |             |             |
| <b>Lifting 51-75 lbs.</b> (i.e., Lifting wheel and tire  | 5,7                | F                     |         |             |             |
| assemblies, differential components, winches)  | 5,7                | Г                     |         |             |             |
| Lifting 76-100 lbs. (i.e., Lifting truck wheel and tire  | F 7                | 0                     |         |             |             |
| assemblies, ladder racks, and tool boxes)  | 5,7                | 0                     |         |             |             |
| Lifting 100 + lbs. (i.e., Lifting Winch bumpers,   |                    |                       |         |             |             |
| barrels of grease, transfer cases, and   | 5,7                | 0                     |         |             |             |
| transmissions)   | - /                |                       |         |             |             |
| Carrying 0-10 lbs. (i.e., Carrying Parts, tools, and   | 0.4.5.5.5.4.0      |                       |         |             |             |
| small equipment)   | 3,4,5,6,7,8,10     | F                     |         |             |             |
| Carrying 11-25 lbs. (i.e., Carrying Parts, tires,  |                    | _                     |         |             |             |
| tools, and small equipment)  | 4,5,6,7,8          | F                     |         |             |             |
| Carrying 26-50 lbs. (i.e., Carrying Wheel and tire   |                    |                       |         |             |             |
| assemblies, brake rotors, suspension   | 4,5,7              | F                     |         |             |             |
| components, and light bars)  | 7,5,7              | '                     |         |             |             |
| Carrying 51-75 lbs. (i.e., Carrying Truck wheel and  |                    |                       |         |             |             |
| tire assemblies)   | 5,7                | 0                     |         |             |             |
| Carrying 76-100 lbs. (i.e., Carrying Winches and   |                    |                       |         |             |             |
| bumpers)   | 5,7                | 0                     |         |             |             |
| Dullipers  |                    |                       |         |             |             |

# PART 3: SENSORY REQUIREMENTS

|   | Examples of                       | FREQUENCY RATING      | MEDICAL | PROVIDER    | USE ONLY    |
|---|-----------------------------------|-----------------------|---------|-------------|-------------|
|   | Duties/Functions                  | Never, Occasional;    | Can     | Temporarily | Permanently |
| Activity  | Requiring Activity                | Frequent, or Constant | Perform | Restricted  | Restricted  |
| Functional vision, normal or corrected (i.e., Driving vehicles/equipment, reading technical data (books/computer), operating scan tools)          | 1,2,3,4,5,6,7,8,<br>9,10,11,12,13 | С                     |         |             |             |
| Functional color vision, normal or corrected (i.e., Reading wiring diagrams (books/computers)   | 1,4                               | 0                     |         |             |             |
| Functional night vision, normal or corrected (i.e., Driving vehicles and equipment, early/late hours, working underneath instrument panels)       | 4,10                              | 0                     |         |             |             |
| Functional hearing, normal or corrected (i.e., Operating a forklift, driving vehicles and equipment, testing audible parts, tools, and equipment) | 1,2,3,4,5,6,7,8,<br>9,10          | С                     |         |             |             |
| A sense of smell or taste (i.e., Diagnosis of odors inside and outside vehicles and equipment)  | 4,5,6,7,8,10                      | 0                     |         |             |             |

#### **PART 4: COMPREHENSION LEVEL**

|                                   | FREQUENCY RATING      | MEDICAL | PROVIDER    | USE ONLY    |
|-----------------------------------|-----------------------|---------|-------------|-------------|
|                                   | Never, Occasional;    | Can     | Temporarily | Permanently |
| Activity                          | Frequent, or Constant | Perform | Restricted  | Restricted  |
| Follow Oral Instructions          | F                     |         |             |             |
| Follow Written Instructions       | F                     |         |             |             |
| Required to sustain concentration | F                     |         |             |             |

#### **PART 5: NATURE OF TASKS**

|   | FREQUENCY RATING      | MEDICAL | PROVIDER    | USE ONLY    |
|---|-----------------------|---------|-------------|-------------|
|   | Never, Occasional;    | Can     | Temporarily | Permanently |
| Activity  | Frequent, or Constant | Perform | Restricted  | Restricted  |
| Follow set procedures   | С                     |         |             |             |
| Organize own work   | F                     |         |             |             |
| Able to ask questions or request assistance when needed   | F                     |         |             |             |
| Required to make decisions independently  | F                     |         |             |             |
| Required to train and/or lead others  | 0                     |         |             |             |
| Required to direct others (e.g. planning, goal setting, performance) (Assists the Supervisor in evaluating subordinate staff) | 0                     |         |             |             |

## **PART 6: WORK PACE**

|   | FREQUENCY RATING      | MEDICAL | PROVIDER    | USE ONLY    |
|---|-----------------------|---------|-------------|-------------|
|   | Never, Occasional;    | Can     | Temporarily | Permanently |
| Activity  | Frequent, or Constant | Perform | Restricted  | Restricted  |
| Tightly scheduled and rapid pace of work activities at high | 0                     |         |             |             |
| volume  | U                     |         |             |             |
| Meet time sensitive deadlines                               | F                     |         |             |             |
| Long and/or irregular hours                                 | 0                     |         |             |             |
| Limited/unpredictable opportunity for breaks                | N                     |         |             |             |
| Required to perform on-call or emergency work               | 0                     |         |             |             |

## PART 7: COMPLEXITY/VARIABILITY

|   | FREQUENCY RATING      | MEDICAL | PROVIDER    | USE ONLY    |
|---|-----------------------|---------|-------------|-------------|
|   | Never, Occasional;    | Can     | Temporarily | Permanently |
| Activity  | Frequent, or Constant | Perform | Restricted  | Restricted  |
| Variable and unpredictable workflow                             | 0                     |         |             |             |
| Attention divided by issues requiring multi-tasking             | F                     |         |             |             |
| Work requires precise attention to detail                       | F                     |         |             |             |
| Use of judgment in routine matters                              | F                     |         |             |             |
| Requires use of judgment in adapting procedures from one        | 0                     |         |             |             |
| task to another   | 0                     |         |             |             |
| Possible legal ramifications associated with work activities or | 6                     |         |             |             |
| work product  | C                     |         |             |             |

#### **PART 8: INTERACTIONS WITH OTHERS**

|   | FREQUENCY RATING      | MEDICAL | PROVIDER    | USE ONLY    |
|---|-----------------------|---------|-------------|-------------|
|   | Never, Occasional;    | Can     | Temporarily | Permanently |
| Activity  | Frequent, or Constant | Perform | Restricted  | Restricted  |
| Works with others (e.g., co-workers, other                  | F                     |         |             |             |
| departments/agencies, public)                               |                       |         |             |             |
| Interactions limited to giving/receiving information        | F                     |         |             |             |
| Interactions exceed giving/receiving information (e.g.,     | F                     |         |             |             |
| advises, persuades, justifies)                              |                       |         |             |             |
| Interactions occur under circumstances of emotional stress  | 0                     |         |             |             |
| Risk of confrontation with violent or assaultive clients or | N                     | NI.     |             |             |
| customers   |                       |         |             |             |

## PART 9: ENVIRONMENTAL FACTORS/WORKING CONDITIONS:

| ART 9: ENVIRONMENTAL FACTORS/WORKING CONDITIONS:                        | FREQUENCY RATING      | MEDICAL | PROVIDER    | USE ONLY    |
|---|-----------------------|---------|-------------|-------------|
|   | Never, Occasional;    | Can     | Temporarily | Permanently |
| Activity  | Frequent, or Constant | Perform | Restricted  | Restricted  |
| Work Inside (i.e., working in shop/garage or office)                    | С                     |         |             |             |
| Work Outside (i.e., responding to an emergency repair call)             | 0                     |         |             |             |
| Extreme Heat (above 100 degrees)  | 0                     |         |             |             |
| Extreme Cold (below 32 degrees)   | N                     |         |             |             |
| Excessive Noise (must raise voice to be heard) (i.e., using             | _                     |         |             |             |
| impact wrench to remove lug nuts on wheels)                             | F                     |         |             |             |
| Vibration (e.g., jack hammer, hammer drill, chainsaw, etc.)             | 0                     |         |             |             |
| Dust, Vapors, Fumes, Smoke  | 0                     |         |             |             |
| Silica, asbestos, etc.  | N                     |         |             |             |
| Solvents (e.g., gas, turpentine, etc.)                                  | 0                     |         |             |             |
| Grease, oils  | С                     |         |             |             |
| Acidic, Caustic Solutions (i.e., truck and heavy equipment batteries)   | 0                     |         |             |             |
| Pesticides  | 0                     |         |             |             |
| Explosives (e.g., dynamite, bomb, etc.)                                 | N                     |         |             |             |
| Cleaning supplies, abrasives  | 0                     |         |             |             |
| Other Chemicals (e.g. drugs and other contraband)                       | N                     |         |             |             |
| Human Blood, Body Tissues, or Fluids                                    | N                     |         |             |             |
| Human Wastes  | N                     |         |             |             |
| Animal Blood, Body Tissues, or Fluids                                   | N                     |         |             |             |
| Animal Wastes   | N                     |         |             |             |
| Biological Toxins (e.g., poison ivy, poison oak, anthrax, etc.)         | 0                     |         |             |             |
| Insect Bites (e.g., ticks, mosquitos, spiders, etc.)                    | 0                     |         |             |             |
| Biomedical Waste  | N                     |         |             |             |
| Ionizing Radiation  | N                     |         |             |             |
| Non-Ionizing Radiation  | N                     |         |             |             |
| Electrical Energy (i.e., Lock out/Tag Out required; making repairs to   |                       |         |             |             |
| hybrid or electric vehicles/equipment)                                  | 0                     |         |             |             |
| Walking on uneven, slippery, or rough terrain (e.g., gravel, rocks,     |                       |         |             |             |
| hills, etc.)  | 0                     |         |             |             |
| Proximity to moving mechanical parts (e.g., equipment,                  |                       |         |             |             |
| machinery)  | F                     |         |             |             |
| Proximity to moving vehicles or objects                                 | F                     |         |             |             |
| Heights (e.g., rooftop, ladders, scaffolding, etc.)                     | 0                     |         |             |             |
| Contact with water, other liquids, humid conditions - not weather       | 0                     |         |             |             |
| related   | 0                     |         |             |             |
| Work Below Ground: (e.g., excavation, trench, etc.)                     | N                     |         |             |             |
| Potential exposure to airborne infectious diseases (e.g. clinics,       | 11                    |         |             |             |
| labs, corrections)  | N                     |         |             |             |
| Operates non-commercial motor vehicles (cars, trucks) (i.e.,            |                       |         |             |             |
| drives off-site for emergency repairs; test driving vehicles)           | 0                     |         |             |             |
| Operates commercial vehicles – CDL                                      | _                     |         |             |             |
| ClassAEndorsements N/A  | 0                     |         |             |             |
| Operates passenger van to transport clients, inmates, etc.              |                       |         |             |             |
| Pulls non-commercial trailers or equipment                              | N                     |         |             |             |
| Operates heavy equipment (i.e., test driving equipment after            | 0                     |         |             |             |
| repairs made)   | 0                     |         |             |             |
| Other: Forklift (propane, electric, gas, diesel) Certification Required | 0                     |         |             |             |

# PART 10: MEDICAL SCREENING, SURVEILLANCE AND VACCINATION REQUIREMENTS:

Please check each of the medical screening, surveillance, and vaccination requirements that apply to the position, and indicate if the requirement applies pre-employment/pre-placement only, or whether there are additional requirements after hire.

| Medical Screening, Surveillance or Vaccination | Pre-Hire | Post-Hire | Frequency (one time, annual, etc.) |
|--|----------|-----------|------------------------------------|
| Audiometric Testing                            | Х        | Х         | Annual                             |
| DOT Drug and Alcohol Screening                 | Х        | Х         | Random                             |
| DOT Physical Exam                              | X*       | Х         | Bi-annual                          |
| Respirator Physical Exam                       |          |           |                                    |
| Respirator Questionnaire – Short               |          |           |                                    |
| Respirator Questionnaire – Standard            |          |           |                                    |
| Blood lead level                               |          |           |                                    |
| Hazardous Waste/Emergency Worker physical      |          |           |                                    |
| Heavy metal screen (mercury, lead, arsenic)    |          |           |                                    |
| HINT Hearing Noise Sensitivity Testing         |          |           |                                    |
| Tuberculosis skin test                         |          |           |                                    |
| Vaccine: MMR                                   |          |           |                                    |
| Vaccine: Hepatitis B                           |          |           |                                    |
| Vaccine: Influenza                             |          |           |                                    |
| Vaccine: Meningococcal                         |          |           |                                    |
| Vaccine: Pneumococcal                          |          |           |                                    |
| Vaccine: Rabies                                |          |           |                                    |
| Vaccine: Tdap                                  |          |           |                                    |
| Vaccine: Chickenpox                            |          |           |                                    |

<sup>\*</sup>Prior to obtaining commercial license.

# PART 11: ADDITIONAL INFORMATION, PICTURES, ETC.



Fleet Operations Service Vehicle



Fleet Operations Vehicle- Steps at 17"/31"/38"/41"



Heavy Duty Jack- 31 lbs. Pull Force 20 lbs. Push Force



Small Jack Stand- 8 lbs.



Medium Jack Stand- 14 Lbs.



Med/Large Jack Stand- 17lbs.



Large Jack Stand- 34 lbs.



Dump Bed Safety Support- 39 lbs. Lifted 48" up & 36" out away from body



Brake Rotor Hub Assembly- 53 lbs.



Truck/Heavy Equipment Battery - 93 lbs.

Stored on 3 inch shelf (can be difficult to manage in field)



Battery Storage - 44 lbs. to 93 lbs. 3"/17"/34" Shelves



Portable A-Frame Hoist 37.5 lbs. push force



Auxiliary Pump - 65lbs. Lifted 20" to 36" high surface



Auxiliary Pump Housing- 20" high



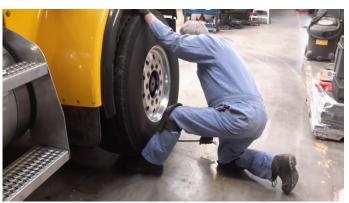
SEFAC- Mobile Column Lifts Pull Force – 66.5 lbs.



SEFAC- Mobile Column Lift Push Force – 61.5 lbs.



1" Drive Truck Tire Impact Wrench (blue)-27 lbs., as shown %" Drive Truck Tire Impact Wrench (silver)-12 lbs., as shown



Truck Tire and Rim- 260 lbs.



Water Pump from Fire Truck- 131 lbs. Lifted up 36" to mount under truck



Under carriage of Fire Truck- Water Pump Mount Circled



Fire Truck- Tire Lug Nuts Water Pump and Pipes



Fire Truck- Water Pressure Guages Fire Truck- Water Pipes and Drive Shaft





Propane Tanks- 22" at handle 68 lbs. recently filled 37lbs. empty



Propane powered Forklift Tanks lifted to 45" high to change



Caterpillar 315B Hydraulic Excavator- requiring repair of Hydraulic Bucket Mechanism



Caterpillar 315B Hydraulic Excavator- Bucket



Example of Large Fleet Operations Service Vehicle