

Job Hazard Analysis

JHA Name: Diesel Powered Equipment, Minor Maintenance



Assessment Date: 09-26-16

Revision Date: 04-14-17

Building or Location: North Mankato Campus

Department or Program: Ag Mechanics

Description of Individual Tasks or Assignments:

Headlights/Bulbs, Belts/Hoses, Batteries, Tune Ups, Alternator, Diagnostics, Tire Rotation, Wiper Blades, Filters, Fuses, Sensors, Fluid Changes, Safety Checks-i.e., Inspection (Without Any Major Disassembly, Overhaul, or Critical/Hazardous Part Replacement)

Tools, Equipment, or Machinery Used when Performing Task:

(e.g., Agriculture Equipment), Hand Tools, Power Tools, Diagnostic and Testing Equipment, Service Manuals

Hazard Type(s) Associated with Task or Assignment:		Check for Exposure:	Specific Hazard Exposure:	Check if Exposure Recommends or Requires a Style of PPE?
1	Impact <u>Example:</u> Person(s) can strike an object, or be struck by a moving or flying/falling object (e.g., fragments, chips, particles, sand, dirt/debris).	X	Potential exposure to hazards depends on: the specific tasks performed; the duration of assignment; the location or environment of the task; the tools, equipment, machines, and systems involved/used; the energy sources present, the fluid and contact services, etc.	X
2	Penetration or Cut <u>Example:</u> Person(s) can strike an object, be struck by an object, or fall upon an object or tool that would cut or otherwise break the skin.	X	Same as "Impact Hazard Exposure."	X
3	Crush or Pinch <u>Example:</u> An object(s) or equipment/machine may crush or pinch a body or body part	X	Same as "Impact Hazard Exposure."	X
4	Chemical or Harmful Dust <u>Example:</u> Exposure to chemicals (i.e., hazardous substances and harmful physical agents), infectious agents from spills, splashing, physical contact, and/or exposure to dusts, vapors, fumes, or gases that could cause illness, irritation, burns, asphyxiation, breathing/vision difficulty, sensitization, infection, or other toxic health effects (i.e., acute or chronic). Note: "May also have or create ignition potential."	X	Same as "Impact Hazard Exposure."	X
5	Heat <u>Example:</u> Exposure to radiant heat sources, sparks, and splashes or spills of hot material	X	Same as "Impact Hazard Exposure."	X
6	Light (optical) Radiation <u>Example:</u> Exposure to strong light sources, glare, or intense light exposure which is a byproduct or a process. Note: "This category may also include hazards presented from lack of light (e.g., working in dark spaces/areas)."	X	Same as "Impact Hazard Exposure."	X
7	Electrical Contact <u>Example:</u> Exposure, contact, or proximity to live or potentially live electrical objects.	X	Same as "Impact Hazard Exposure."	X
8	Ergonomic/ Human Factors <u>Example:</u> Working in cramped spaces, repetitive movements, awkward postures, vibration, heavy lifting, etc. Note: "This category may also include unique hazards presented from tasks that require demanding or challenging degrees of mental and/or physical effort to be exerted by an individual. See <i>Physical Effort Definition/Examples</i> category for further explanation of physical effort."	X	Same as "Impact Hazard Exposure."	
9	Environmental <u>Example:</u> Exposure to noisy environments, hot or cold work environments, poor weather conditions, working at a height, and any other conditions in the workplace that could cause danger, discomfort, and/or negative health effects.	X	Same as "Impact Hazard Exposure."	X

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