

# Job Hazard Analysis

JHA Name: Planer, (Electric Hand-Held)

Assessment Date: 01-15-14

Revision Date: 05-15-17

Building or Location: Faribault Campus

Department or Program: Carpentry

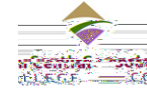
Description of Individual Tasks or Assignments: Shaving & Trimming Lumber

Tools, Equipment, or Machinery Used when Performing Task: Electric Hand-Held Planer, Flexible Cords

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	<b>Impact</b> <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 flying fragments, particles and debris generated from planing (e.g., injuries to eyes)	X
2	<b>Penetration or Cut</b> <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	Potential exposure to bladed/cutting equipment (e.g., injuries to hands, arms, legs), potential exposure to wood splinters/splinters (e.g., injuries to fingers, hands)	X
3	<b>Crush or Pinch</b> <u>Example:</u> An object(s) or equipment/machine may crush or pinch a body or body part	X	Potential exposure to crushing and pinching hazard from dropping lumber (e.g., injuries to feet)	X
4	<b>Chemical or Harmful Dust</b> <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	Potential exposure to nuisance dusts (e.g., respiratory irritation/discomfort)	X
5	<b>Heat</b> <u>Example:</u> Exposure to radiant heat sources, sparks, and splashes or spills of hot material			
6	<b>Light (optical) Radiation</b> <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)."			
7	<b>Electrical Contact</b> <u>Example:</u> Exposure, contact, or proximity to live or potentially live electrical objects.			
8	<b>Ergonomic/ Human Factors</b> <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 <u>Physical Effort Definition/Examples</u> "	X	Potential exposure to source of vibration (electric planer) (e.g., injuries to hands, arms), potential exposure to repetitive movements, lifting light to moderately heavy loads, and bending/twisting (when moving lumber) (e.g., Muscular Skeletal Disorders)	X
9	<b>Environmental</b> <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	Potential exposure to loud/prolonged noise (electric planer)	X

# Job Hazard Analysis

JHA Name: Planer, (Electric Hand-Held)



Assessment Date: 01-15-14

Revision Date: 05-15-17

Building or Location: Faribault Campus

Department or Program: Carpentry

Description of Individual Tasks or Assignments:

Shaving & Trimming Lumber

Tools, Equipment, or Machinery Used when Performing Task:

Electric Hand-Held Planer, Flexible Cords

Personal Protective Equipment Requirements:

**Hands:** Anti-Vibration Gloves (Optional/Available when operating electric planer), Leather Gloves (Required when handling lumber with rough or sharp edges)

**Respiratory:** N95 Particulate Masks (Optional/Available not required)

**Other:**

Other Control Measures or Requirements (Engineering & Administrative Controls):

**#2) Penetration or Cut Hazards:** Pressure sensitive deadman switches are located in hand controls of electric hand-held planers. Use two hands when operating electric hand-held planers (e.g., one hand on the trigger switch/handle and the other hand positioned on the front handle). **#4) Chemical or Harmful Dust Hazards:** Particulate masks available upon request for personnel experiencing respiratory discomfort from dusts generated.

**#8) Ergonomic Hazards:**

Physical Effort Definition/Examples

**1.) Physical Mobility-** Movement from place to place on the job, considering distance and speed **2.) Physical Agility-** ability to maneuver body while in place or in static position **3.) Physical Strength (Light to Moderate)-** Ability to handle routine office materials and tools **4.) Physical Strength (Moderate to Heavy)-** Ability to handle 50lbs+ objects, considering frequency **5.) Dexterity-** skill and ability in using hands, fingers, and feet **6.) Physical Balance-** ability to maintain balance and physical control **7.) Coordination-** harmonious functioning of body parts (e.g., eye/hand, hand/foot, etc.) **8.) Endurance-** ability to sustain a prolonged stressful effort or activity with limited opportunity to rest

Name:

Date: