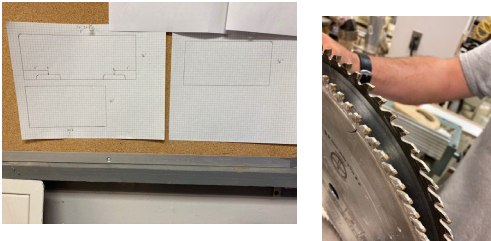


Job Hazard Analysis

Campus: GT/RV/TP/SS		Department: PHES	
Activity or Process: Making Plexiglass sneeze-guards / partitions		Building/Room: Carpenter Shops in HS/ RV Shops/ ST Shop area	
Job Title: Carpenter		Supervisor: John Day / Richard White / Carlos Castillo	
Prepared By: Sharmila Pradhan		Date: July 16, 2021	
<i>This document is the certification of hazard assessment for PPE for the workplace.</i>			
TASKS/STEPS	HAZARDS - CONSEQUENCES	CONTROLS (SAFEGUARDS)	PHOTO
1. Visit location to take measurements. Make shop drawings. Prep the plexiglass by cutting it in smaller pieces using table saw. Large 4'x8' sheets have to be cut.	<ul style="list-style-type: none"> Table saw blade can cause serious injury if operated by untrained person. Incorrect body and hand positions, support for large pieces as they pass over table edge is needed. 	<ul style="list-style-type: none"> Mandatory two-person job for large 4'x8' plexiglass. Helper must support and guide the cut pieces as they pass over edge of the table. Adjust guide to correct width before cutting. 	
2. Cut our smaller shapes for transactions such as rectangular or round holes for exchanging cash, documents etc.	<ul style="list-style-type: none"> Router, Jig saw or Radial saw may be used. All three have moving blades that can cause serious injury to hands and body. 	<ul style="list-style-type: none"> Follow safety instructions by manufacturer. Clamp smaller piece to sturdy and heavy wood base, on both ends. Raise piece to allow router blade to pass under the piece. 	
3. Smooth edges and polish. May use block sander (TP) machine sander and blow torch with MAP gas.	<ul style="list-style-type: none"> Sharp edges could cause cuts. Fire hazard with blow torch. 	<ul style="list-style-type: none"> Optional use gloves with block sander. Use three different grades of sandpaper medium to fine. 	

4. Polishing edges with torch (optional).	<ul style="list-style-type: none"> MAPP gas is a flammable 	<ul style="list-style-type: none"> Fire extinguisher on hand. Use in well ventilated area Proper PPE flame resistant gloves, face protection: i.e. welding mask, flame resistant clothing, 	
5.			
Required Training		Required PPE	
Machine guarding, Power tools safety training Hazard Communication training (MAP gas) Job Hazard Analysis training Torch safety training (optional) Compressed Gas cylinder training		Safety glasses required at all times. Gloves optional, depending on task. Loose gloves may get caught in moving blades and rotating parts, so gloves are optional. When using torch: flame resistant gloves and clothing, face protection i.e. welders mask or goggles with tempered glass,	
<i>I have read and understand the contents of the job hazard analysis and the controls required to mitigate the risks from the identified hazards</i>			
Name		Date	