

Job Procedure

Use of Methanol Hydrate

(for Cutting Laminated Glass)

Tools/Equipment Required: Safety Container
PPE
Glass Cutter
Square or Straight Edge
Glass Pliers

Materials Required: Methanol Hydrate
Laminated Glass

Steps:

1. Wear required personal protective equipment. (PPE) (Boots, Glasses)
2. When cutting laminated glass, it is the same as annealed glass except for when one side is scored and broke the glass is flipped over.
3. Line up glass cutter on broken score (be sure to be exact to reduce shelling) and score glass on side number two.
4. After breaking the cut be sure to hold glass up to reduce shelling and breakage.
5. Pour methanol hydrate directly on the cut using proper safety bottle.
6. Let glass down slowly allowing methanol to contact the vinyl and melt it apart.
7. Sometimes lighting methanol hydrate is required. (ie: .030 vinyl.) (0.15 not necessary unless shape cutting)
8. Be sure methanol container and all other flammable material is a safe distance from area to be lit.
9. Light methanol on the edge of the glass and pull glass off the table (where burning) with glass pliers to be sure not to start the table on fire.
10. Make sure fire is out on cut piece of glass before discarding into garbage.