

Pre-Start Up Safety Review



PI:		Department:	
Location: Building		Room	
Chemical /Gas Manufacturer/ Supplier:		Cylinder Volume: ____ liters (OR) ____ ft ³ Container Volume / Wt _____	
Chemical	Percentage by wt.	Formula:	CAS:
Specific hazard: Toxic ____ Corrosive ____ Highly Reactive ____ Pyrophoric ____ Other ____			
Procedure/Process Description: 			
Process designed by:		Approved By PI:	
Date:		Date:	
Training requirements for this procedure:		<input checked="" type="checkbox"/> Review of MSDS <input checked="" type="checkbox"/> Review of Chemical Hygiene Plan <input checked="" type="checkbox"/> Review of GT Dangerous Gas Alarm Procedures (Appendix D) <input checked="" type="checkbox"/> Basic Lab Safety (from EHS) <input checked="" type="checkbox"/> Special Training from the lab PI/supervisor <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Special Training/Fit Testing for Respirator Use	

Personal protective equipment (PPE) requirements	<input checked="" type="checkbox"/> Safety Glasses or Goggles (circle one) <input checked="" type="checkbox"/> Lab Coat Cotton (OR) Flame Resistant (circle one) <input type="checkbox"/> Face Shield <input type="checkbox"/> Apron (specify type) <input type="checkbox"/> Chemically Resistant Gloves (specify type) <input type="checkbox"/> Thermally protective gloves <input type="checkbox"/> Respirator <input type="checkbox"/> Other (Specify)
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Sequence of Steps	Potential Accidents or Hazards	Preventative Measures
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Summary of Engineering Controls Used to Control Hazards in This Process:

Check all that apply		If this control failed, the consequence would be:
Fume hood (has/does not have an emergency setting)		
Glove box- room air		
Glove box – purged with inert gas (specify)		
Local exhaust ventilation (elephant trunk)		
Room Air Ventilation (this room has/does not have an emergency ventilation setting)		
Temperature controls		
Other (specify)		
Other (specify)		

A “catastrophic event” involving this material might involve :

Example- spill outside of the fume hood or the release of a pyrophoric material into room air.

Event	Appropriate Response Action