

Task	Organization To Accomplish				
	FacOps	Local User	EH&S		
			SUFMO	OHS	EP
<b>General Notes:</b> (1) Organization responsible for task bears financial responsibility. (2) The responsibility of sensor calibration applies only to sensors connected to building/PLC system. (3) Any damage to cabinet or piping system is the financial responsibility of organization who causes damage.					
Operational Matrix Up to date	X				
Operational Matrix on site (@ building)	X				
Current back up copies of Wonderware on site (@ building and off-site)	X				
Wonderware and SCADA Software Version Current	X				
Wonderware and SCADA Software License Current	X				
Current back up copy of ladder logic program on site	X				
PLC/IO System preventative maintenance	X				
PLC/IO System emergency repairs	X				
Routine system check(s) - from PC check sensor drift history, set points...		X			
<i>Piping System Leak Testing</i>		X			
<i>Piping Secondary Containment Leak Testing (Class 1 gases)</i>		X			
<i>Automatic Shutoff Operation</i>	X				
<i>Gas Detection Levels (PEL)</i>	X				
<i>Manual Activation of Emergency Shutoff Valves from Remote Location</i>	X				
<i>Failure of Emergency Power</i>	X				
<i>Seismic Activity</i>	X				
<i>Failure of Primary containment (verify excess flow valve @ cylinder change)</i>		X			
<i>Activation of Manual Fire Alarm</i>			X		
<i>Failure of Required Exhaust Flow Ventilation Rate(using DP Switch in ducts)</i>	X				
<i>Emergency Control Station Reporting (EMCS)</i>	X				
<i>Emergency Power Testing (Emergency Generator Test)</i>	<b>[ ITEMS BELOW SHOULD BE TESTED WHILE ON GENERATOR ]</b>				
<i>Exhaust Ventilation/Treatment Systems</i>	X				
<i>Gas Detection Systems</i>	X				
<i>Emergency Alarm Systems - manual pull stations, messages, PAFD</i>			X		
<i>Temperature Control Systems</i>	X				
<i>Emergency Power Testing Documentation</i>	X				
<i>Excess Flow Control Shutdown</i>	X				
<i>Exhaust Ventilation Monitoring</i>	X				
<i>Seismic Shutoff System</i>	X				
<i>Emergency Alarm Operation (Path of Travel)</i>			X		
<i>Signage</i>	X				
<i>Piping Labeling</i>		X			

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Permit Verification w/ in Permit Limits & Record Keeping	Copy of Permit should be on file @ building		X			
Treatment Calculation On File & Available				X		
Required RFO Sizes Labeled & Documented			X			
Excess Flow Switch Sizing & Labeling (CFM in Air@STP)			X			
Gas Classification Evaluation					X	
Establish Set Points					X	
Alarm Set Point Verification	PEL in Breathing Zones, 1/2 IDLH in Exhaust Ducts		X	X		
Unauthorized Discharge Reporting	Record keeping by the Permittee (by code) which is the Lab; Lab notifies EHS @ 5-9999 to report spill. County reporting done by EHS-EP (Haz Waste).					X
Closure Plan Generation					X	
Closure Plan Record Keeping					X	
Piping System Seismic Protection		X				
Site Security	Are gases secure at bulk storage locations and where gases are used?		X			
Breathing Apparatus Available						X
Breathing Apparatus Inspections						X
Cylinder Leak Testing Delivery/Departure Procedures					X	
Cylinder Leak Testing Delivery/Departure Execution			X			
Cylinder Change Out Procedures					X	
Cylinder Change Out Procedures On Site & Available			X			
Incompatible Materials Separation			X			
Protective Plugs & Caps In Place			X			
Emergency Response Plan Procedures						X
Emergency Response Plan Procedures Maintained On Site (@ Building)			X			
Emergency Response Team Training Certification Levels						X
Emergency Response Team Drills						X
Emergency Response Team Drill Record Keeping						X
Emergency Contacts Current On Callout Lists	Should include call out list @ EMCS & the Hardcopy maintained @ the building		X			
Fire Alarm System (building) tested				X		
Fire Alarm System (building) Record Keeping				X		

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Gas Cabinet Inspection	X				
<i>Operate at negative pressure</i>	X				
<i>Self closing door</i>	X				
<i>Self closing limited access port</i>	X				
<i>Limited access ventilation, 200 fpm (&amp; New HVAC Label)</i>	X				
<i>Connected to exhaust system (treatment) 1/2 IDLH</i>	X				
<i>Proper construction material</i>	X				
<i>Cylinder seismic protection</i>	X				
<i>Inert Gas Purge</i>		X			
<i>Gas Purge Secondary Containment</i>	X				
Gas Cabinet Repair	X				
<i>Operate at negative pressure</i>	X				
<i>Self closing door</i>	X				
<i>Self closing limited access port</i>	X				
<i>Limited access ventilation (200 fpm)</i>	X				
<i>Connected to exhaust system (treatment) 1/2 IDLH</i>	X				
<i>Proper construction material</i>	X				
<i>Cylinder seismic protection</i>	X				
<i>Inert Gas Purge</i>		X			
<i>Gas Purge Secondary Containment</i>	X				
Gas Cabinet Inspection Record Keeping	X				
Gas Sensor Calibration, Testing & Challenging Sensors	X				

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