



FSO/HAZMAT SELF EVALUATION

This checklist is a guide to assist facilities in the evaluation of their compliance with USDOT and OSHA FSO and HAZMAT regulations. It is intended to be used in conjunction with the PSI-PCI manual *Cylinder Hazmat and Fill Station Compliance Guide*.

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center; color: blue;">ADMINISTRATION</th> </tr> <tr> <td style="width: 5%;"></td> <td>Personnel training current</td> </tr> <tr> <td></td> <td>Personnel training records complete & available</td> </tr> <tr> <td></td> <td>Written SOP for each HAZMAT function</td> </tr> <tr> <td></td> <td>Material Safety Data Sheets (MSDS) available for all chemical products used</td> </tr> <tr> <td></td> <td>File of pertinent Special Permits</td> </tr> <tr> <td></td> <td>File of all completed PSI-PCI Visual Cylinder Inspection Forms</td> </tr> <tr> <td></td> <td>Fill station equipment maintenance log</td> </tr> <tr> <td colspan="2" style="background-color: yellow;"></td> </tr> <tr> <th colspan="2" style="text-align: center; color: blue;">FILL STATION</th> </tr> <tr> <td></td> <td>Clean, well lit, well ventilated & uncluttered</td> </tr> <tr> <td></td> <td>Posted HAZMAT signage</td> </tr> <tr> <td></td> <td>FSO checklist posted and used</td> </tr> <tr> <td></td> <td>Dry filling</td> </tr> <tr> <td></td> <td>FSO procedures in SOP</td> </tr> <tr> <td></td> <td>HP piping mechanically fastened not to exceed every 4 feet</td> </tr> <tr> <td></td> <td>Problem cylinder quick reference posted</td> </tr> <tr> <td></td> <td>Fill yokes and connectors in good condition</td> </tr> <tr> <td></td> <td>Pressure gauge calibrated (recommend annually)</td> </tr> <tr> <td></td> <td>Fill whip pressure rating compatible with fill pressures</td> </tr> <tr> <td></td> <td>Fill whip bleeder valves in good condition</td> </tr> <tr> <td></td> <td>Fill whips minimum length necessary to reach cylinders within fill area</td> </tr> <tr> <td></td> <td>FSO and facility protection from a cylinder failure</td> </tr> <tr> <td></td> <td>Posted non-essential persons prohibited during fill operations</td> </tr> <tr> <td colspan="2" style="background-color: yellow;"></td> </tr> <tr> <th colspan="2" style="text-align: center; color: blue;">GENERAL</th> </tr> <tr> <td></td> <td>Display cylinders empty</td> </tr> <tr> <td></td> <td>Display cylinders secured</td> </tr> <tr> <td></td> <td>General cleanliness and neatness</td> </tr> </table>	ADMINISTRATION			Personnel training current		Personnel training records complete & available		Written SOP for each HAZMAT function		Material Safety Data Sheets (MSDS) available for all chemical products used		File of pertinent Special Permits		File of all completed PSI-PCI Visual Cylinder Inspection Forms		Fill station equipment maintenance log			FILL STATION			Clean, well lit, well ventilated & uncluttered		Posted HAZMAT signage		FSO checklist posted and used		Dry filling		FSO procedures in SOP		HP piping mechanically fastened not to exceed every 4 feet		Problem cylinder quick reference posted		Fill yokes and connectors in good condition		Pressure gauge calibrated (recommend annually)		Fill whip pressure rating compatible with fill pressures		Fill whip bleeder valves in good condition		Fill whips minimum length necessary to reach cylinders within fill area		FSO and facility protection from a cylinder failure		Posted non-essential persons prohibited during fill operations			GENERAL			Display cylinders empty		Display cylinders secured		General cleanliness and neatness	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center; color: blue;">COMPRESSOR</th> </tr> <tr> <td style="width: 5%;"></td> <td>Protective covers over moving parts</td> </tr> <tr> <td></td> <td>Proper air intake locations & positioning</td> </tr> <tr> <td></td> <td>Air intake screened against animals and debris</td> </tr> <tr> <td></td> <td>Ample ventilation for cooling including adequate separation between compressor & walls</td> </tr> <tr> <td></td> <td>Posted HAZMAT signage</td> </tr> <tr> <td></td> <td>Compressor, filter & moisture separator maintenance log available</td> </tr> <tr> <td></td> <td>Compressor operation & maintenance procedures in SOP</td> </tr> <tr> <td></td> <td>Compressor manufacturer's service manual available</td> </tr> <tr> <td></td> <td>Compressor service personnel properly trained & documented</td> </tr> <tr> <td colspan="2" style="background-color: yellow;"></td> </tr> <tr> <th colspan="2" style="text-align: center; color: blue;">CONTROL PANEL</th> </tr> <tr> <td></td> <td>Clean & well lit</td> </tr> <tr> <td></td> <td>Located to minimize FSO exposure while filling cylinders</td> </tr> <tr> <td></td> <td>Emergency shut-off capability nearby</td> </tr> <tr> <td></td> <td>Exclusion Area signage posted</td> </tr> <tr> <td colspan="2" style="background-color: yellow;"></td> </tr> <tr> <th colspan="2" style="text-align: center; color: blue;">STORAGE CYLINDERS</th> </tr> <tr> <td></td> <td>Located in a cool, dry area</td> </tr> <tr> <td></td> <td>DOT or ASME cylinders</td> </tr> <tr> <td></td> <td>Within hydrostatic requalification</td> </tr> <tr> <td></td> <td>Properly labeled for gas contained</td> </tr> <tr> <td></td> <td>Posted HAZMAT signage</td> </tr> <tr> <td></td> <td>Storage cylinders restrained</td> </tr> <tr> <td></td> <td>Record of visual inspections available</td> </tr> <tr> <td></td> <td>Unused cylinders capped</td> </tr> <tr> <td colspan="2" style="background-color: yellow;"></td> </tr> <tr> <td colspan="2" style="background-color: #e0e0e0; text-align: center;"> For additional information consult with your PSI-PCI trained professional or contact PSI-PCI directly: 425-398-4300 or email: psi@psicylinders.com </td> </tr> </table>	COMPRESSOR			Protective covers over moving parts		Proper air intake locations & positioning		Air intake screened against animals and debris		Ample ventilation for cooling including adequate separation between compressor & walls		Posted HAZMAT signage		Compressor, filter & moisture separator maintenance log available		Compressor operation & maintenance procedures in SOP		Compressor manufacturer's service manual available		Compressor service personnel properly trained & documented			CONTROL PANEL			Clean & well lit		Located to minimize FSO exposure while filling cylinders		Emergency shut-off capability nearby		Exclusion Area signage posted			STORAGE CYLINDERS			Located in a cool, dry area		DOT or ASME cylinders		Within hydrostatic requalification		Properly labeled for gas contained		Posted HAZMAT signage		Storage cylinders restrained		Record of visual inspections available		Unused cylinders capped			For additional information consult with your PSI-PCI trained professional or contact PSI-PCI directly: 425-398-4300 or email: psi@psicylinders.com	
ADMINISTRATION																																																																																																																			
	Personnel training current																																																																																																																		
	Personnel training records complete & available																																																																																																																		
	Written SOP for each HAZMAT function																																																																																																																		
	Material Safety Data Sheets (MSDS) available for all chemical products used																																																																																																																		
	File of pertinent Special Permits																																																																																																																		
	File of all completed PSI-PCI Visual Cylinder Inspection Forms																																																																																																																		
	Fill station equipment maintenance log																																																																																																																		
FILL STATION																																																																																																																			
	Clean, well lit, well ventilated & uncluttered																																																																																																																		
	Posted HAZMAT signage																																																																																																																		
	FSO checklist posted and used																																																																																																																		
	Dry filling																																																																																																																		
	FSO procedures in SOP																																																																																																																		
	HP piping mechanically fastened not to exceed every 4 feet																																																																																																																		
	Problem cylinder quick reference posted																																																																																																																		
	Fill yokes and connectors in good condition																																																																																																																		
	Pressure gauge calibrated (recommend annually)																																																																																																																		
	Fill whip pressure rating compatible with fill pressures																																																																																																																		
	Fill whip bleeder valves in good condition																																																																																																																		
	Fill whips minimum length necessary to reach cylinders within fill area																																																																																																																		
	FSO and facility protection from a cylinder failure																																																																																																																		
	Posted non-essential persons prohibited during fill operations																																																																																																																		
GENERAL																																																																																																																			
	Display cylinders empty																																																																																																																		
	Display cylinders secured																																																																																																																		
	General cleanliness and neatness																																																																																																																		
COMPRESSOR																																																																																																																			
	Protective covers over moving parts																																																																																																																		
	Proper air intake locations & positioning																																																																																																																		
	Air intake screened against animals and debris																																																																																																																		
	Ample ventilation for cooling including adequate separation between compressor & walls																																																																																																																		
	Posted HAZMAT signage																																																																																																																		
	Compressor, filter & moisture separator maintenance log available																																																																																																																		
	Compressor operation & maintenance procedures in SOP																																																																																																																		
	Compressor manufacturer's service manual available																																																																																																																		
	Compressor service personnel properly trained & documented																																																																																																																		
CONTROL PANEL																																																																																																																			
	Clean & well lit																																																																																																																		
	Located to minimize FSO exposure while filling cylinders																																																																																																																		
	Emergency shut-off capability nearby																																																																																																																		
	Exclusion Area signage posted																																																																																																																		
STORAGE CYLINDERS																																																																																																																			
	Located in a cool, dry area																																																																																																																		
	DOT or ASME cylinders																																																																																																																		
	Within hydrostatic requalification																																																																																																																		
	Properly labeled for gas contained																																																																																																																		
	Posted HAZMAT signage																																																																																																																		
	Storage cylinders restrained																																																																																																																		
	Record of visual inspections available																																																																																																																		
	Unused cylinders capped																																																																																																																		
For additional information consult with your PSI-PCI trained professional or contact PSI-PCI directly: 425-398-4300 or email: psi@psicylinders.com																																																																																																																			