

TIER I ES&H INSPECTION GUIDE FOR FACILITY INSPECTIONS

Compressed Gas Safety Tier 1 Inspection Checklist

Inspection Team Members:		
Location:		Date:
A. Storage/System		
1.	<input type="checkbox"/>	Name of Gas Clearly visible
2.	<input type="checkbox"/>	<ul style="list-style-type: none"> • Status Tag properly attached and correct status indicated
3.	<input type="checkbox"/>	Flammable Gases and Toxic Gases Segregated <ul style="list-style-type: none"> • 20 ft. separation between Flammable and Oxidizing or Toxic Gases or ½ hour fire wall
4.	<input type="checkbox"/>	Toxic/Highly Toxic Gases in vented, approved cabinets with fire suppression
5.	<input type="checkbox"/>	Gas properly Documented in CMS:
6.	<input type="checkbox"/>	Valve Protective Cover installed (if not in use)
7.	<input type="checkbox"/>	Cylinder stored on approve stand/rack or nested correctly <ul style="list-style-type: none"> • If cylinder is stored on cart: <ul style="list-style-type: none"> ○ Is cart a 4-wheel non-collapsible cart (rear wheel base => front)? ○ Is securing device fasted above cylinder center of gravity ○ Is the valve protective cap installed? ○ Is the storage out of traffic area and covered by Work Planning?
8.	<input type="checkbox"/>	If stored outside, are the following provision provided: <ul style="list-style-type: none"> • Insect nesting prevention; • Cylinder Valve Protection Cap rusting; • Excessive Heat; • Snow/Ice/Water buildup
9.	<input type="checkbox"/>	Regulator matches CGA Valve Connection fitting <ul style="list-style-type: none"> • No adapter • No doping used (i.e. Teflon tape)
10.	<input type="checkbox"/>	Piping system pressure rated for maximum regulator output and gases used <ul style="list-style-type: none"> • Are rated clamps used on tubing? • If not, pressure relief device installed • If flammable/toxic gases used, piping build to ASME B31.3 standards <ul style="list-style-type: none"> ○ Flammable gas lines bonded/flash arrester installed
B. Oxygen Deficiency Hazard (ODH)		
1.	<input type="checkbox"/>	Area evaluated for ODH
2.	<input type="checkbox"/>	<ul style="list-style-type: none"> • Posting current
3.	<input type="checkbox"/>	<ul style="list-style-type: none"> • Ventilation (as required)
4.	<input type="checkbox"/>	<ul style="list-style-type: none"> • ODH or CO₂ monitoring (as required)
C. Compressed Gas Use		
1.	<input type="checkbox"/>	Personnel Trained for compress gas use (ESR or Work Planning current)
2.	<input type="checkbox"/>	System recorded in Hazard Validation Tool database