|  |  |
| --- | --- |
|  | HSE Project Management Audits |
| Date of Audit: |  | Dunham Price Group | Business Unit/LLC |
|  |  | Name of Auditor: |  |
| Document #001 | HSE Audit 002 – Compressed Gas Cylinders | Peak Safety USA, LLC Auditor: |
| Revision # | 00 |  |



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  Compressed Gas Cylinders | **Yes** | **No** | **N/A** | **Comments** |
| **Do or are compressed gas cylinders:** |
| 1 | Identified according to their contents (properly labeled) |  |  |  |  |
| 2 | Are cylinders stored in upright position and immobilized by chains or other means to prevent them from being knocked over (29CFR 1910.101(B)  |  |  |  |  |
| 3 | Are cylinders stored away from highly flammable substances such as flammable solvents and combustible waste? |  |  |  |  |
| 4 | Are cylinders stored away from electrical connections, gas flames or other ignition sources and in well ventilated areas? |  |  |  |  |
| 5 | Are flammable gases separated from oxidizing gases in storage areas? Note: Acetylene and propane cylinders should be separated from oxygen cylinders when not in use. |  |  |  |  |
| 6 | Are oxygen and fuel gas cylinders separated by a minimum of 20’ or by and a fire resistant partition? |  |  |  |  |
| 7 | Is the storage area permanently posted with the names of the cylinder gases stored in the cylinders? |  |  |  |  |
| 8 | Are empty and full cylinders stored separately? |  |  |  |  |
| 9 | Do all compressed gas cylinders have pressure relief values and stored below 125 degrees F.? |  |  |  |  |
| 10 | Is the bottom of the cylinder protected from ground or standing water to prevent rusting? |  |  |  |  |
| 11 | Is all compressed gas cylinders routinely checked for corrosion, pitting, cuts, gouges, bulges or neck defects? |  |  |  |  |
| 12 | Are compressed gas cylinders transported by a cart designed for such or a suitable means of transport to assure cylinders are secure and remain in upright position? |  |  |  |  |
| 13 | Are cylinders capped and properly secured when not in use? |  |  |  |  |
| 14 | Are all compressed gas cylinder connections such as pressure regulators, hoses and gauges checked for integrity and tightness? |  |  |  |  |
| 15 | Are proper tools used to open and close valves as well as connections? |  |  |  |  |
| 16 | Is suitable pressure regulating devices in use whenever the gas is emitted to systems with pressure-rated limitations lower than the cylinder pressure? |  |  |  |  |
| 17 | Have all employees working with compressed gas cylinders received the proper training prior to use? |  |  |  |  |
| 18 | Is a proper leak detection fluid used to detect leaks? |  |  |  |  |
| 19 | If leak detection fluid available on all carts or at area where cylinders are used? |  |  |  |  |
| 20 | Are cylinders placed away from electrical panels and welding grounds? |  |  |  |  |
| 21 | Are no smoking signs posted in storage areas? |  |  |  |  |
| 23 | Are flashback devices installed at both the regulator and torch end? |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Name of Auditor:** | **Signature:** | **Date:** |
| LLC Site Manager/Person Responsible for compressed gas cylinders | Signature: | Date: |

**Actions Identified**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Observation / Concern** | **Action Required** | **Priority** | **Responsible Person** | **Completion** | **Initials** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **A**: Immediate action required | **B**: Action required within 24hrs | **C**: Action required within 48hrs | **D**: Action required within 1 week |