|  |  |  |  |
| --- | --- | --- | --- |
| **Date:** |  | **Conducted By:** |  |

In order to determine all energy sources for each piece of equipment, all questions must be answered. If the question does not apply, write N/A in the blank. Circle "yes" or "no" or fill in the blank.

|  |  |  |
| --- | --- | --- |
| Location: |  |  |
|  |  |  |
| Work Center: |  |  |
|  |  |  |
| Circuit #: |  |  |
|  |  |  |
| Equipment No. |  |  |
|  |  |  |
| Equipment Name: |  |  |
|  |  |  |
| Model: |  |  |
|  |  |  |
| Serial No.: |  |  |
|  |  |  |
| Lockout Tagout Procedure No. |  |  |
|  |  |  |

1.0 Does this equipment have:

1.1. Electric power (including battery)? YES/NO

 If yes, Motor Control Center (MCC) or power panel and breaker number

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 1.1.1 Does it have a lockout device? YES/NO

Battery location:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Battery disconnect location:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1.2. Mechanical power? YES/NO

 Mark each type of energy source that applies:

 1.2.1 Engine driven? YES/NO

If yes, switch or key location\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is lockout device installed? YES/NO

If no, method of preventing operation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1.2.2 Spring loaded? YES/NO

If yes, is there a method of preventing spring activation? YES/NO

 If no, how can spring tension be safely released or secured?

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If no, location of closest manual shutoff valve

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Does manual shutoff valve have lockout device? YES/NO

If no, what is needed to lock valve closed?

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Is there a bleed or drain valve to reduce pressure to zero? YES/NO

If no, what will be required to bleed off pressure?

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1.3 Chemical system? YES/NO

If yes, location of main control/shutoff valve\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Can control/shutoff valve be locked in off/closed position? YES/NO

If no, location of closest manual shutoff valve\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Does manual shutoff valve have lockout device? YES/NO

If no, what is needed to lock valve closed?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is there a bleed or drain valve to safely reduce system pressure and drain system of chemicals? YES/NO

If no, how can system be drained and neutralized?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What personal protective clothing or equipment is needed for this equipment?

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1.4 Thermal energy? YES/NO

If yes, location of main control/shutoff

valve\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Can control/shutoff valve be locked in "off" or closed position? YES/NO

If no, location of closest manual shutoff valve\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Does manual shutoff valve have lockout device? YES/NO

EQUIPMENT, MACHINERY, OR PROCESS:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

LOCKOUT PROCEDURE NO.: L/O\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DATE APPROVED/IMPLEMENTED:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

| **Revision / Review History** |
| --- |
| **Revision** | **Date** | **Authorized By** | **Changes** |
| 1 | 9/11/2000 | Safety Director | New Program |
| 2 | 1/15/2001 | Safety Director | Annual Review |
| 3 | 1/10/2002 | Safety Director | Annual Review |
| 4 | 1/11/2003 | Safety Director | Annual Review |
| 5 | 1/15/2004 | Safety Director | Annual Review |
| 6 | 1/10/2005 | Safety Director | Annual Review |
| 7 | 6/27/2006 | Safety Director | Annual Review |
| 8 | 9/6/2007 | Safety Director | Annual Review |
| 9 | 8/23/2010 | Safety Director | Annual Review |
| 10 | 10/3/2012 | Safety Director | Annual Review |
| 11 | 11/10/2012 | Safety Director | Annual Review |
| 12 | 9/25/2013 | Safety Director | Annual Review |
| 13 | 6/30/2016 | Safety Director | Annual Review-Updated and new format |
| 13 | 6/30/2017 | Safety Director | Annual Review |
| 13 | 7/01/2018 | Safety Director | Annual Review |
| 13 | 6/7/2019 | Safety Director | Annual Review |