

| Equipment Model/Name: | Patternmaker   |
|-----------------------|----------------|
| Evaluated By:         | Ryan Wilkinson |
| Evaluation Date:      | 06/14/2004     |

Definitions:

- Energy Source Type: Mechanical (Gravity, Springs, Hydraulic, Pneumatic), Electrical, Thermal, Chemical, Etc.
- Component Name: Bar Conveyor Drive, Depalleter pusher lift, FDC Drive, etc.
- Recommended Isolation: Electrical disconnect, block/chain, pneumatic/hydraulic disconnect, discharge, etc.

| Hydraulic Bar Drive Lockout disconnect to hydraulic power unit.   Hydraulic Shift Plate Lockout disconnect to hydraulic power unit.   Hydraulic Turntable Rotation Lockout disconnect to hydraulic power unit.   Electrical Electrical Panel and Wiring Lockout disconnect to hydraulic power unit.   Image: Shift Plate Lockout disconnect to hydraulic power unit.   Electrical Electrical Panel and Wiring Lockout disconnect to hydraulic power unit.   Image: Shift Plate Image: Shift Plate Image: Shift Plate   Image: Shift Plate Image: Shift Plate Image: Shift Plate   Image: Shift Plate Image: Shift Plate Image: Shift Plate   Image: Shift Plate Image: Shift Plate Image: Shift Plate   Image: Shift Plate Image: Shift Plate Image: Shift Plate   Image: Shift Plate Image: Shift Plate Image: Shift Plate   Image: Shift Plate Image: Shift Plate Image: Shift Plate   Image: Shift Plate Image: Shift Plate Image: Shift Plate   Image: Shift Plate Image: Shift Plate Image: Shift Plate   Image: Shift Plate Image: Shift Plate Image: Shift Plate   Image: Shift Plate Image: Shift Plate Image: Shift Plate   Image: Shift Plate Image: Shift Plate I   | Energy Source Type | Component Name              | Recommended Isolation                       |
|--|--------------------|-----------------------------|---|
| HydraulicShift PlateLockout disconnect to hydraulic power unit.HydraulicTurntable RotationLockout disconnect to hydraulic power unit.ElectricalElectrical Panel and WiringLockout disconnect to hydraulic power unit   | Hydraulic          | Bar Drive                   | Lockout disconnect to hydraulic power unit. |
| HydraulicTurntable RotationLockout disconnect to hydraulic power unit.ElectricalElectrical Panel and WiringLockout disconnect to hydraulic power unit  | Hydraulic          | Shift Plate                 | Lockout disconnect to hydraulic power unit. |
| <b>y</b>   |                    |                             | Lockout disconnect to hydraulic power unit. |
| and any external power sources.       Image: sources of the sources of th                                      | Electrical         | Electrical Panel and Wiring | Lockout disconnect to hydraulic power unit  |
| Image: set of the |                    |                             | and any external power sources.             |
| Image: set of the |                    |                             |   |
| Image: set of the |                    |                             |   |
| Image: set of the |                    |                             |   |
| Image: section of the section of th |                    |                             |   |
| Image: section of the section of th |                    |                             |   |
| Image: set of the |                    |                             |   |
| Image: set of the |                    |                             |   |
| Image: state of the state of |                    |                             |   |
|  |                    |                             |   |
| Image: set of the |                    |                             |   |
| Image: selection of the  |                    |                             |   |
| Image: section of the section of th |                    |                             |   |
| Image: selection of the  |                    |                             |   |
| Image: sector                |                    |                             |   |
| Image: selection of the  |                    |                             |   |
| Image: selection of the  |                    |                             |   |
| Image: Sector                |                    |                             |   |
| Image: selection select        |                    |                             |   |
| Image: Sector                |                    |                             |   |
| Image: Sector                |                    |                             |   |
| Image: Sector                |                    |                             |   |
| Image: Sector                |                    |                             |   |
| Image: Constraint of the second sec        |                    |                             |   |
|  |                    |                             |   |
|  |                    |                             |   |
|  |                    |                             |   |
|  |                    |                             |   |
|  |                    |                             |   |