

ENERGY CONTROL PROCEDURE

The following Energy Control Procedure should be used for the equipment listed below.

Date Written: 3-27-2000 Date of Revisions: 3-23-12 - _____ - _____ - _____

Authors: Steve Voll

Reviewing Personnel: FRANK REPROGLE Date Reviewed: _____

Approvals: FRANK REPROGLE Date Approved: _____

EQUIPMENT DESCRIPTION

GENERAL DESCRIPTION: (#3073) Overhead Crane by Tool Room has two bridges, one bridge has Two 5-ton hoists and one has one 7.5-ton hoist

MANUFACTURER: CM MODEL: 32918 SERIAL NUMBER: L25486G

MANUFACTURER: Coffing 5-Ton MODEL: EC10005.4 SERIAL NUMBER: EC3E160XKD

MANUFACTURER: Coffing 5-Ton MODEL: EC10005.4 SERIAL NUMBER: EC3E161XKD

LOCATION: Production by Tool Room

CONTROLS

The following Controls, including “start/stop” buttons, toggle switches, emergency stop button, shut-off valves, etc. have been identified for this equipment.

Description of Control	Location on Equipment
Off Button	On both remote Pendants
Main Disconnect For Electric	On I Beam upright southeast corner of the hoist runways by dock 3

ENERGY SOURCES/ISOLATION DEVICES

The following Energy Sources and Energy Isolation Devices supporting this equipment have been identified.

Energy Types: (CHECK ALL THOSE APPLICABLE)

Electrical	x
Pneumatic	
Hydraulic	
Steam	
Chemical	
Thermal	
“Stored” Energy	
Other	

Sources / Devices	Location	Type of Lock/Tag Needed
Stop Button	On both remote Pendants	NA
Main Disconnect for Electric	On I Beam upright southeast corner of the hoist runways by dock 3	Standard Lock and Tag

SHUTDOWN PROCEDURES

The steps listed below must be followed to properly shut down and de-energize this equipment.
To verify the effectiveness of each step follow the instructions in the "Verification" column.

Lock-Out/Tag-Out

Procedure	Device used	How to verify
NOTIFY "AFFECTED" AND "OTHER" EMPLOYEES OF IMPENDING EQUIPMENT SHUTDOWN		
Push Stop Button On both remote Pendants	NA	Light on the east hoist will be off
Turn Main Electrical Disconnect Off	Standard Lock, Tag	Try to Work Hoist and lights should be off on both hoists

RELEASE AND RESTART PROCEDURES

The steps listed below must be followed to properly release this equipment from a locked or tagged out condition and restart it.

<u>Procedure</u>	<u>Location</u>
Inspect work area and remove tools and other non-essential items.	
Inspect equipment and components to make sure it is intact and ready to run.	
Notify “affected” and “other” employees in the area of impending restart and make sure they are safely positioned away from the equipment	
Turn Main Electrical Disconnect On	On I Beam upright southeast corner of the hoist runways by dock 3
Push On Button	On Pendant