

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: (#3072) Overhead Crane by the front side of the 1000-ton it's one bridge with Two 5-ton hoists

MANUFACTURER: Overhead Crane and Services Corp.

MODEL: _____ SERIAL NUMBER: 772111 A-Z

MANUFACTURER: Coffing MODEL: EC10005.4 SERIAL NUMBER: EC3F.129.NTD

MANUFACTURER: Coffing MODEL: EC10005.4 SERIAL NUMBER: EC3F.130.NTD

LOCATION: Production by 1000-Ton front side

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 remote Pendant
Plug	On I Beam upright northwest corner of the hoist runways

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 remote Pendant	NA
Plug	On I Beam upright northwest corner of the hoist runways	Plug box with 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 the remote Pendants	NA	Light on the east hoist will be off
Plug	Plug box with Standard Lock and Tag	Try to Work Hoist and the lights will be out on the hoist

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	
Plug	On I Beam upright northwest corner of the hoist runways
Push On Button	On Pendant