

## ENERGY CONTROL PROCEDURE

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

Date Written: 2-24-11      Date of Revisions: \_\_\_\_\_  
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Approvals: \_\_\_\_\_ Date Approved: \_\_\_\_\_

### EQUIPMENT DESCRIPTION

GENERAL DESCRIPTION: EDM Machine (Hole Popper)  
MANUFACTURER: Charmilles Technologies  
MODEL: HD8 SERIAL NUMBER: D9081978  
LOCATION: 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
Main disconnect	Lower right front
Air quick disconnect	Lower left rear

### 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	<b>X</b>
Pneumatic	<b>X</b>
Hydraulic	
Steam	
Chemical	
Thermal	
“Stored” Energy	
Other	

Sources / Devices	Location	Type of Lock/Tag Needed
Main disconnect	Lower right front	Lock & tag
Air quick disconnect	Lower left rear	Device, lock & 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		
Turn off main disconnect	Lock & tag	No display
Disconnect air line	Device lock & tag	Air exhausts

## 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.

Procedure	Location
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	
Reconnect air line	Lower left rear
Turn on main disconnect	Lower right front