

## ENERGY CONTROL PROCEDURE

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

Date Written: 4-1-14 Date of Revisions:      -       
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 Approvals:                                      Date Approved:     

### EQUIPMENT DESCRIPTION

GENERAL DESCRIPTION: Flow Water Jet  
 MANUFACTURER: Flow International BMC #1059  
 MODEL: 712127-1 SERIAL NUMBER: 271158  
 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
Computer based	Operator stand
Control on	Push button operators stand right side
Main breaker	Back of machine
Main disconnect	In panel on wall left of machine
Air supply	Right side rear corner
Water Ball valve	Left Side above discharge water tank

### 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 (water)	<b>x</b>

Sources / Devices	Location	Type of Lock/Tag Needed
Main breaker	Panel on wall left of machine	Breaker cover lock and tag
Main disconnect	Rear of machine	Std. lock and tag

Air supply	Right side rear corner	Quick disconnect plug std. lock and tag
Water Supply	Left side above discharge water	Ball valve cover, 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		
Push power off button	n/a	Try any function
Switch off main disconnect	Std. lock and tag	Push power on button
Disconnect air	Quick connect plug std. lock & tag	Check gauge
Main breaker	Breaker cover std. lock & tag	Check for voltage
Close water supply	Ball valve cover, lock & rage	Open ball valve above water discharge tank

## 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	
Unlock and reconnect air	Right side by corner
Unlock and switch on main breaker	Panel on wall left side of machine
Unlock and switch on main disconnect	Rear of machine
Open water supply ball valve	Left side above discharge water tank
Push power on	Operators stand run/check machine