

ENERGY CONTROL PROCEDURE

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

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EQUIPMENT DESCRIPTION

GENERAL DESCRIPTION: Wire EDM
 MANUFACTURER: AG1E BMC #1064
 MODEL: Progress 2 SERIAL NUMBER: 45
 LOCATION: Tool Room wire 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	Panel on truck dock wall
Main breaker	Right side of machine
Main air supply	Left rear of machine
Water supply	Rear of machine

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	X
Hydraulic	
Steam	
Chemical	
Thermal	
“Stored” Energy	
Other	X (Water)

Sources / Devices	Location	Type of Lock/Tag Needed
Main disconnect	Panel on truck dock wall	Standard breaker cover standard lock and tag
Main breaker	Right side of machine	Standard lock and tag
Air supply	Rear of machine	Quick connect cover standard lock and tag

Power off	Operators stand	N/A
Water	Wall by D.I. tank	Ball valve cover 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 power off button	N/A	Try control
Main breaker	Standard lock and tag	Try to power on
Main air supply	Quick connect cover standard lock and tag	Check pressure gauge
Main disconnect	Standard lock and tag	Check for voltage

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 main break switch on	Panel on dock wall
Unlock and reconnect air supply	Rear of machine
Unlock and switch on main machine power	Side of machine
Unlock and turn water supply	On wall by D.I. Tank
Push power on test machine	Operator stand