

ENERGY CONTROL PROCEDURE

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

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 Approvals: _____ Date Approved: _____

EQUIPMENT DESCRIPTION

GENERAL DESCRIPTION: Dust and Oil Coalescer BMC# 1033
 MANUFACTURER: Donaldson-Mon DFT3 Downflow
 MODEL: DFT3-12 SERIAL NUMBER: 1G318268-001
 LOCATION: Tool Room roof top

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
Control panel on-off switch	Ram EDM Room shop side wall
Main disconnect	Same as above
Main breaker	Wire EDM room breaker panel A6F

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	

Sources / Devices	Location	Type of Lock/Tag Needed
On-off switch	Control panel	None
Main disconnect	Control panel	Std. tag and pad lock
Service disconnect	Wall behind unit roof top	Std. tag and padlock
Air supply	#2 truck dock	Ball valve cover & padlock

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 off button	None	Check for vacuum
Main disconnect	Std. tag and pad lock	Try to start unit
Service disconnect	Std. tag and padlock	Try to start unit
Air supply	Ball valve cover and pad lock	Try to blow filters out
Main breaker	Breaker cover and pad lock	Check 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.

<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	
Unlock and turn breaker on	Wire EMD room panel A6F
Unlock and remove cover turn on ball valve	#2 truck dock
Unlock service disconnect if on roof	On wall behind unit roof top
Unlock and turn on disconnect	Control panel ram EDM room
Start unit	Control panel ram EDM room