

## ENERGY CONTROL PROCEDURE

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

Date Written: 2-25-11 Date of Revisions: \_\_\_\_\_  
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 Approvals: \_\_\_\_\_ Date Approved: \_\_\_\_\_

### EQUIPMENT DESCRIPTION

GENERAL DESCRIPTION: Dry Grinders 1046,1048,1050,1087, 1088  
 MANUFACTURER: Reid (Grinders 1-4) ST Supertec (5<sup>th</sup> Grinder)  
 MODEL: 618HR SERIAL NUMBER: 18379  
 MODEL: 613HR SERIAL NUMBER: 17340FC  
 MODEL: 618HR SERIAL NUMBER: 30489FC  
 MODEL: 618HR SERIAL NUMBER: 17152  
 MODEL: STP-618M SERIAL NUMBER: PM08011

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 |
|------------------------|-----------------------|
| Start/stop button      | Left or right of base |
|                        |                       |
|                        |                       |
|                        |                       |

### 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       |          |
| Hydraulic       |          |
| Steam           |          |
| Chemical        |          |
| Thermal         |          |
| “Stored” Energy |          |
| Other           |          |

| Sources / Devices | Location | Type of Lock/Tag Needed |
|-------------------|----------|-------------------------|
| Twist lock plug   | Ceiling  | 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 |                   |                |
| Unplug  | Cover, lock & tag | Try to turn on |
|   |                   |                |
|   |                   |                |
|   |                   |                |

## 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 |                 |
| Pull in twist lock plug   | ceiling         |
|   |                 |