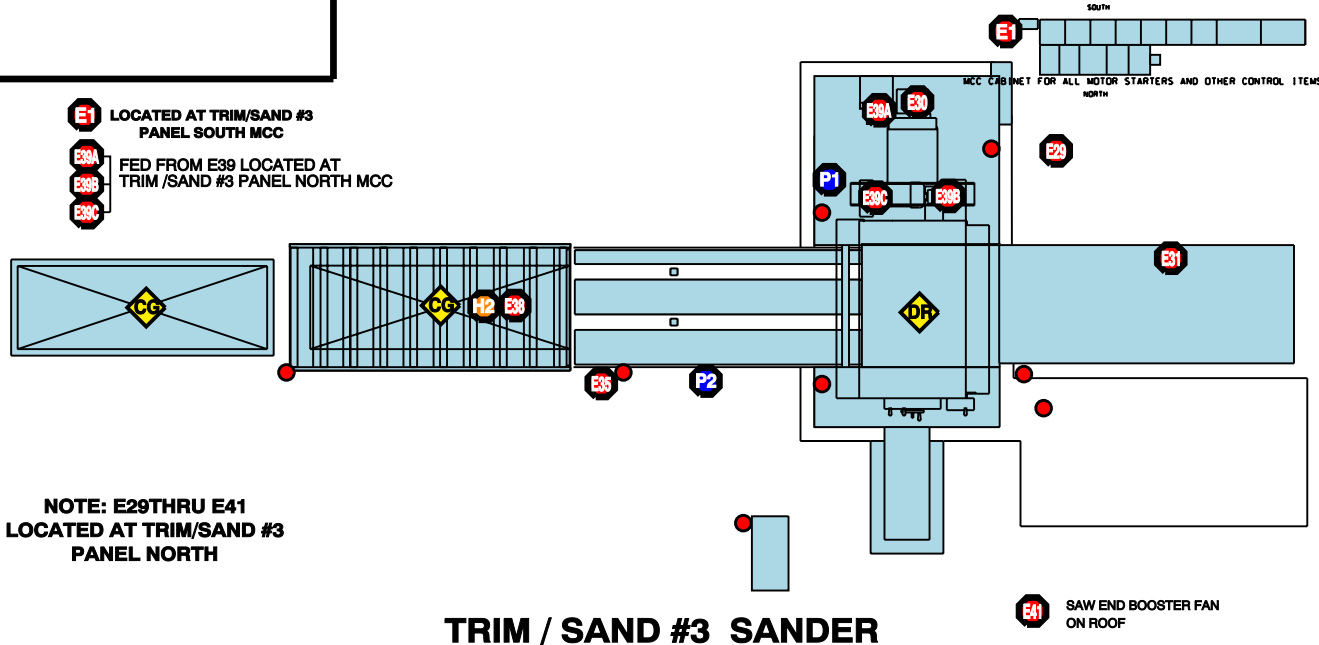


**YOUR COMPANY  
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## TS3LSAND TRIM / SAND #3 SANDER

\*\*\* ALWAYS FOLLOW PROCEDURES \*\*\*  
CONTACT MAINTENANCE FOR DETAILED OPERATIONS

### ENERGY CONTROL PROGRAM



### ENERGY CONTROL PROCEDURES

ENERGY TYPE AND SOURCE	I.D. TAG	PROCEDURES FOR LOCKING OUT AND/OR RELEASING ENERGIES	VERIFICATION PROCEDURES	ENERGY TYPE AND SOURCE	I.D. TAG	PROCEDURES FOR LOCKING OUT AND/OR RELEASING ENERGIES	VERIFICATION PROCEDURES	ENERGY TYPE AND SOURCE	I.D. TAG	PROCEDURES FOR LOCKING OUT AND/OR RELEASING ENERGIES	VERIFICATION PROCEDURES
MAIN SYSTEM ELECTRICAL DISC. 480 VAC 3 PHASE	E1	MAINTENANCE LOCKOUT. PLACE DISCONNECT IN OFF POSITION. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	ATTEMPT TO RESTART SYSTEM. MUST REMAIN DE-ENERGIZED.	1ST OUTFEED SCISSOR LIFT ELECTRICAL DISC. 480 VAC 3 PHASE	E38	MAINTENANCE LOCKOUT. PLACE DISCONNECT IN OFF POSITION. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	ATTEMPT TO RESTART SYSTEM. MUST REMAIN DE-ENERGIZED.	SANDER #3 BOOSTER FAN ELECTRICAL DISC. 480 VAC 3 PHASE	E41	MAINTENANCE LOCKOUT. PLACE DISCONNECT IN OFF POSITION. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	ATTEMPT TO RESTART SYSTEM. MUST REMAIN DE-ENERGIZED.
SANDER MAIN ELECTRICAL DISC. 480 VAC 3 PHASE	E29	WARNING ENERGIZED BY E1. PLACE DISCONNECT IN OFF POSITION. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	ATTEMPT TO RESTART SYSTEM. MUST REMAIN DE-ENERGIZED.	SANDER PRESSURE ROLL ELECTRICAL DISC. 480 VAC 3 PHASE	E39	MAINTENANCE LOCKOUT. PLACE DISCONNECT IN OFF POSITION. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	ATTEMPT TO RESTART SYSTEM. MUST REMAIN DE-ENERGIZED.	SANDER MAIN PNEUMATIC SUPPLY 100psi	P1	ISOLATE SUPPLY VALVE. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	LISTEN FOR RELEASE OF AIR. CHECK GAUGE FOR ZERO psi, OR BLEED LINE.
SANDING BELT DRIVE ELECTRICAL DISC. 480 VAC 3 PHASE	E30	MAINTENANCE LOCKOUT. PLACE DISCONNECT IN OFF POSITION. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	ATTEMPT TO RESTART SYSTEM. MUST REMAIN DE-ENERGIZED.	SANDER INFEEED ROLL DRIVE ELECTRICAL DISC. 480 VAC 3 PHASE	E30A	MAINTENANCE LOCKOUT. PLACE DISCONNECT IN OFF POSITION. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	ATTEMPT TO RESTART SYSTEM. MUST REMAIN DE-ENERGIZED.	VIDEO JET MAIN PNEUMATIC LINE 100psi	P2	ISOLATE SUPPLY VALVE. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	LISTEN FOR RELEASE OF AIR. CHECK GAUGE FOR ZERO psi, OR BLEED LINE.
INFEEED CONVEYOR ELECTRICAL DISC. 480 VAC 3 PHASE	E31	MAINTENANCE LOCKOUT. PLACE DISCONNECT IN OFF POSITION. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	ATTEMPT TO RESTART SYSTEM. MUST REMAIN DE-ENERGIZED.	SANDER PRESSURE ROLL ELECTRICAL DISC. 480 VAC 3 PHASE	E30B	MAINTENANCE LOCKOUT. PLACE DISCONNECT IN OFF POSITION. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	ATTEMPT TO RESTART SYSTEM. MUST REMAIN DE-ENERGIZED.	OUTFEED 1ST SCISSOR LIFT 2000 psi	H2	ENERGIZED BY E38. PLACE DISCONNECT FOR E38 IN OFF POSITION. ATTACH LOCKOUT DEVICE, LOCK AND TAG.	ATTEMPT TO START SYSTEM. MUST REMAIN DE-ENERGIZED.
SANDER OUTFEED CONVEYOR ELECTRICAL DISC. 480 VAC 3 PHASE	E30C	MAINTENANCE LOCKOUT. PLACE DISCONNECT IN OFF POSITION. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	ATTEMPT TO RESTART SYSTEM. MUST REMAIN DE-ENERGIZED.	SANDER OUTFEED ROLL ELECTRICAL DISC. 480 VAC 3 PHASE	E30C	MAINTENANCE LOCKOUT. PLACE DISCONNECT IN OFF POSITION. ATTACH LOCKOUT DEVICE, LOCK, AND TAG.	ATTEMPT TO RESTART SYSTEM. MUST REMAIN DE-ENERGIZED.	DISIPATE ROTATION SANDER	DF	ALLOW ROTATION TO DISIPATE, BEFORE WORKING ON EQUIPMENT	VISUALLY INSPECT THAT MOTION HAS STOPPED
								CONTROL GRAVITY LIFTS	CG	ALLOW TO DRIFT TO NEUTRAL POSITION OR BLOCK	VISUALLY CHECK FOR NEUTRAL POSITION OR SUPPORT

LAST REVISION TJ AUG.9 ,2011PLAQUE #206L-TS3LSANDER

CREATED BY P&D ENVIRONMENTAL SERV. (513)984-1154

#### Procedures for Maintenance Lockout/Tagout Requirements per Employee:

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_

1 Locks/Tags       1 Hasps       0 Other Devices

Affected/Other Employees:

OPERATOR		

#### Energy Sources and Magnitude

- Electrical 480V     Pneumatic 100 psi     Mechanical \_\_\_\_\_     Chemical \_\_\_\_\_
- Steam \_\_\_\_\_     Gravity \_\_\_\_\_ LIFTS     Thermal \_\_\_\_\_     Hydraulic \_\_\_\_\_ LIFTS 2000 psi
- Hydro/Water \_\_\_\_\_     Gas \_\_\_\_\_     Vacuum \_\_\_\_\_
- Confined Space \_\_\_\_\_     Special Precautions \_\_\_\_\_

#### Required and/or Recommended Personal Protective Equipment:

As required by Maintenance or Servicing procedures.

#### Lockout/Tagout Procedure Outline

- Step 1:** Notify all affected/other employees that a lockout/tagout procedure is going to be implemented and to stay clear of the area.
- Step 2:** If Trim / Sand #3 Line Sander is operating, have the operator or maintenance bring the equipment to controlled stop.
- Step 3:** Isolate and apply lockout/tagout materials to all energy sources listed above. Turn off main power disconnect and apply hasp and lockout/tagout device. Turn off main air valve, listen for residual air pressure to bleed off, apply hasp and lockout/tagout device.
- Step 4:** Verify effective lockout! Test effectiveness by attempting to start all devices. Go to the main control panel, select automatic mode and press the start button. Then, select the manual mode and again try to start the equipment. Turn on or activate each piece of affected equipment through normal automatic and manual means.

**CAUTION:** Return all operating controls back to the "Off" or "Neutral" position after testing.

**NOTE:** Refer to Electrical Safety Program if working on or near exposed energized electrical.

**Step 5:** Perform servicing, maintenance, or troubleshooting.

**Step 6:** Inspect work area to verify all tools, parts & equipment have been removed & all guards & protective devices are in proper position.

**CAUTION:** Verify that all operating controls are back to the "Off" or "Neutral" position.

**Step 7:** Notify all affected/other employees that the equipment is being released from lockout condition & will be started up. Verify that all individuals are at a safe distance from the affected equipment.

**Step 8:** Remove all lockout devices in the reverse order of installation.

**Step 9:** Test and/or start up equipment following prescribed method.

**ALWAYS STOP MACHINE BEFORE LOCKING OUT**