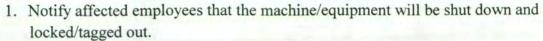
Building: Talahi Elementary Boiler Room

Machine: Air Compressor - L'Aire



2. If the machine/equipment is operating, shut it down by the normal stopping procedure.

Operating Control Location: Air pressure regulator on unit

3. Turn off the (Electric/pneumatic) energy sources by placing energy isolating devices in the off position.



Operating Control Location

Air pressure regulator on unit



Isolating Device Location 1

Knife switches (2) next to unit



Isolating Device Location 2

Pressure release valve on unit

- 4. Lockout the energy isolating device(s) with assigned individual locks.
- 5. Dissipate residual energy: Apply lockout device to source of electricity, bleed air from tank and lines
- 6. Verify that equipment is disconnected from the energy source (s) Attempt to start, check pressure gauge Caution: Return operating control(s) to neutral or "off" position after verifying the isolation of the equipment.

### **Restoring Air Compressor to Service**

- 1. Notify affected employees that maintenance has finished and lock and tags will be removed.
- 2. Check the machine/equipment and the immediate area around the machine/equipment to ensure that nonessential items have been removed and that employees have been notified of the startup.
- 3. Verify that the controls are in neutral or off.
- 4. Remove the lockout devices and re-energize the Electric/pneumatic
- 5. Restart the equipment.



Building: Talahi Elementary Boiler Room

Machine: Boiler #1

- Notify affected employees that the machine/equipment will be shut down and locked/tagged out.
- 2. If the machine/equipment is operating, shut it down by the normal stopping procedure.

Operating Control Location: Control panel on front of unit

3. Turn off the (Electric/natural gas) energy sources by placing energy isolating devices in the off position.



Operating Control Location

Control panel on front of unit



Isolating Device Location 1

Panel P2, breaker labeled east boiler



Isolating Device Location 2

Ball valve on natural gas pipeline supplying unit

- 4. Lockout the energy isolating device(s) with assigned individual locks.
- 5. Dissipate residual energy: Apply lockout device to source of electricity and natural gas, allow unit to cool
- 6. Verify that equipment is disconnected from the energy source (s) <u>Attempt to start</u>

  Caution: Return operating control(s) to neutral or "off" position after verifying the isolation of the equipment.

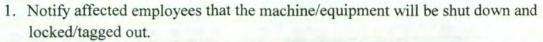
### **Restoring Boiler to Service**

- 1. Notify affected employees that maintenance has finished and lock and tags will be removed.
- 2. Check the machine/equipment and the immediate area around the machine/equipment to ensure that nonessential items have been removed and that employees have been notified of the startup.
- 3. Verify that the controls are in neutral or off.
- 4. Remove the lockout devices and re-energize the **Electric/natural gas**
- 5. Restart the equipment.



Building: Talahi Elementary Boiler Room

Machine: Boiler #2



If the machine/equipment is operating, shut it down by the normal stopping procedure.

Operating Control Location: Control panel on front of unit

3. Turn off the (Electric/natural gas) energy sources by placing energy isolating devices in the off position.



Operating Control Location

Control panel on front of unit



Isolating Device Location 1

Panel P2, breaker labeled west boiler



Isolating Device Location 2

Ball valve on natural gas pipeline supplying unit

- 4. Lockout the energy isolating device(s) with assigned individual locks.
- 5. Dissipate residual energy: Apply lockout device to source of electricity and natural gas, allow unit to cool
- 6. Verify that equipment is disconnected from the energy source (s) <u>Attempt to start</u>

  Caution: Return operating control(s) to neutral or "off" position after verifying the isolation of the equipment.

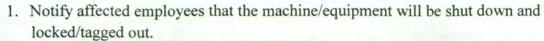
#### **Restoring Boiler to Service**

- 1. Notify affected employees that maintenance has finished and lock and tags will be removed.
- Check the machine/equipment and the immediate area around the machine/equipment to ensure that nonessential items have been removed and that employees have been notified of the startup.
- 3. Verify that the controls are in neutral or off.
- 4. Remove the lockout devices and re-energize the **Electric/natural gas**
- 5. Restart the equipment.



Building: Talahi Elementary Boiler Room

Machine: Hot Water Heater



2. If the machine/equipment is operating, shut it down by the normal stopping procedure.

Operating Control Location: Thermostat on unit

3. Turn off the (Electric/natural gas) energy sources by placing energy isolating devices in the off position.



Operating Control Location

Thermostat on unit



Isolating Device Location 1

Toggle switch on unit



Isolating Device Location 2

Ball valve on natural gas pipeline supplying unit

- 4. Lockout the energy isolating device(s) with assigned individual locks.
- 5. Dissipate residual energy: Apply lockout device to source of electricity and natural gas, allow unit to cool
- 6. Verify that equipment is disconnected from the energy source (s) Attempt to start

  Caution: Return operating control(s) to neutral or "off" position after verifying the isolation of the equipment.

### **Restoring Hot Water Heater to Service**

- 1. Notify affected employees that maintenance has finished and lock and tags will be removed.
- 2. Check the machine/equipment and the immediate area around the machine/equipment to ensure that nonessential items have been removed and that employees have been notified of the startup.
- 3. Verify that the controls are in neutral or off.
- 4. Remove the lockout devices and re-energize the Electric/natural gas
- 5. Restart the equipment.



**Building:** Talahi Elementary Roof

Machine: Air Conditioning Unit #41 - Trane

- Notify affected employees that the machine/equipment will be shut down and locked/tagged out.
- 2. If the machine/equipment is operating, shut it down by the normal stopping procedure.

Operating Control Location: Computer controls in engineer's office

3. Turn off the (Electric/pneumatic) energy sources by placing energy isolating devices in the off position.



Operating Control Location

Computer controls in engineer's office



Isolating Device Location 1

Knife switch on unit



No Picture Available

Isolating Device Location 2

Refrigerant capture port on unit (internal)

- 4. Lockout the energy isolating device(s) with assigned individual locks.
- 5. Dissipate residual energy: **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**
- 6. Verify that equipment is disconnected from the energy source (s) **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**

Caution: Return operating control(s) to neutral or "off" position after verifying the isolation of the equipment.

#### **Restoring Air Conditioning Unit to Service**

- 1. Notify affected employees that maintenance has finished and lock and tags will be removed.
- 2. Check the machine/equipment and the immediate area around the machine/equipment to ensure that nonessential items have been removed and that employees have been notified of the startup.
- 3. Verify that the controls are in neutral or off.
- 4. Remove the lockout devices and re-energize the **Electric/pneumatic**
- 5. Restart the equipment.



Building: Talahi Elementary Roof

Machine: Air Conditioning Unit #40 - Trane

- Notify affected employees that the machine/equipment will be shut down and locked/tagged out.
- 2. If the machine/equipment is operating, shut it down by the normal stopping procedure.

Operating Control Location: Computer controls in engineer's office

3. Turn off the (Electric/pneumatic) energy sources by placing energy isolating devices in the off position.



Operating Control Location

Computer controls in engineer's office



Isolating Device Location 1

Knife switch on unit



No Picture Available

Isolating Device Location 2

Refrigerant capture port on unit (internal)

- 4. Lockout the energy isolating device(s) with assigned individual locks.
- 5. Dissipate residual energy: **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**
- 6. Verify that equipment is disconnected from the energy source (s) **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**

Caution: Return operating control(s) to neutral or "off" position after verifying the isolation of the equipment.

#### **Restoring Air Conditioning Unit to Service**

- 1. Notify affected employees that maintenance has finished and lock and tags will be removed.
- 2. Check the machine/equipment and the immediate area around the machine/equipment to ensure that nonessential items have been removed and that employees have been notified of the startup.
- 3. Verify that the controls are in neutral or off.
- 4. Remove the lockout devices and re-energize the **Electric/pneumatic**
- 5. Restart the equipment.



Building: Talahi Elementary Roof

Machine: Air Conditioning Unit #39 - Trane

- Notify affected employees that the machine/equipment will be shut down and locked/tagged out.
- 2. If the machine/equipment is operating, shut it down by the normal stopping procedure.

Operating Control Location: Computer controls in engineer's office

3. Turn off the (Electric/pneumatic) energy sources by placing energy isolating devices in the off position.



Operating Control Location



Isolating Device Location 1

Knife switch on unit

No Picture Available

Isolating Device Location 2

Refrigerant capture port on unit
(internal)

Computer controls in engineer's office

- 4. Lockout the energy isolating device(s) with assigned individual locks.
- 5. Dissipate residual energy: SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST
- 6. Verify that equipment is disconnected from the energy source (s) **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**

**Caution**: Return operating control(s) to neutral or "off" position after verifying the isolation of the equipment.

### **Restoring Air Conditioning Unit to Service**

- 1. Notify affected employees that maintenance has finished and lock and tags will be removed.
- 2. Check the machine/equipment and the immediate area around the machine/equipment to ensure that nonessential items have been removed and that employees have been notified of the startup.
- 3. Verify that the controls are in neutral or off.
- 4. Remove the lockout devices and re-energize the **Electric/pneumatic**
- 5. Restart the equipment.



**Building:** Talahi Elementary Roof

Machine: Air Conditioning Unit #37 runs 38 - Trane

- Notify affected employees that the machine/equipment will be shut down and locked/tagged out.
- 2. If the machine/equipment is operating, shut it down by the normal stopping procedure.

Operating Control Location: Computer controls in engineer's office

3. Turn off the (Electric/pneumatic) energy sources by placing energy isolating devices in the off position.



Operating Control Location

Computer controls in engineer's office



Isolating Device Location 1

Knife switch on unit



No Picture Available

Isolating Device Location 2

Refrigerant capture port on unit (internal)

- 4. Lockout the energy isolating device(s) with assigned individual locks.
- 5. Dissipate residual energy: **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**
- 6. Verify that equipment is disconnected from the energy source (s) **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**

Caution: Return operating control(s) to neutral or "off" position after verifying the isolation of the equipment.

### **Restoring Air Conditioning Unit to Service**

- 1. Notify affected employees that maintenance has finished and lock and tags will be removed.
- 2. Check the machine/equipment and the immediate area around the machine/equipment to ensure that nonessential items have been removed and that employees have been notified of the startup.
- 3. Verify that the controls are in neutral or off.
- 4. Remove the lockout devices and re-energize the **Electric/pneumatic**
- 5. Restart the equipment.



**Building:** Talahi Elementary Roof

Machine: Air Conditioning Unit #35 - Trane

- Notify affected employees that the machine/equipment will be shut down and locked/tagged out.
- 2. If the machine/equipment is operating, shut it down by the normal stopping procedure.

Operating Control Location: Computer controls in engineer's office

3. Turn off the (Electric/pneumatic) energy sources by placing energy isolating devices in the off position.



Operating Control Location

Computer controls in engineer's office



Isolating Device Location 1

Knife switch on unit



No Picture Available

Isolating Device Location 2

Refrigerant capture port on unit (internal)

- 4. Lockout the energy isolating device(s) with assigned individual locks.
- 5. Dissipate residual energy: **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**
- 6. Verify that equipment is disconnected from the energy source (s) **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**

Caution: Return operating control(s) to neutral or "off" position after verifying the isolation of the equipment.

### **Restoring Air Conditioning Unit to Service**

- 1. Notify affected employees that maintenance has finished and lock and tags will be removed.
- 2. Check the machine/equipment and the immediate area around the machine/equipment to ensure that nonessential items have been removed and that employees have been notified of the startup.
- 3. Verify that the controls are in neutral or off.
- 4. Remove the lockout devices and re-energize the **Electric/pneumatic**
- 5. Restart the equipment.



Building: Talahi Elementary Roof

Machine: Air Conditioning Unit - McQuay

- Notify affected employees that the machine/equipment will be shut down and locked/tagged out.
- 2. If the machine/equipment is operating, shut it down by the normal stopping procedure.

Operating Control Location: Computer controls in engineer's office

3. Turn off the (Electric/pneumatic) energy sources by placing energy isolating devices in the off position.



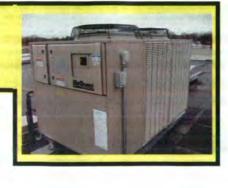
Operating Control Location

Computer controls in engineer's office



Isolating Device Location 1

Disconnect on unit



No Picture Available

Isolating Device Location 2

Refrigerant capture port on unit (internal)

- 4. Lockout the energy isolating device(s) with assigned individual locks.
- 5. Dissipate residual energy: **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**
- Verify that equipment is disconnected from the energy source (s) <u>SERVICED ONLY BY CERTIFIED</u> <u>REFRIGERATION SPECIALIST</u>

**Caution**: Return operating control(s) to neutral or "off" position after verifying the isolation of the equipment.

### **Restoring Air Conditioning Unit to Service**

- 1. Notify affected employees that maintenance has finished and lock and tags will be removed.
- 2. Check the machine/equipment and the immediate area around the machine/equipment to ensure that nonessential items have been removed and that employees have been notified of the startup.
- 3. Verify that the controls are in neutral or off.
- 4. Remove the lockout devices and re-energize the Electric/pneumatic
- 5. Restart the equipment.



Building: Talahi Elementary Boiler Room Penthouse

Machine: Freezer Compressor

- Notify affected employees that the machine/equipment will be shut down and locked/tagged out.
- 2. If the machine/equipment is operating, shut it down by the normal stopping procedure.

Operating Control Location: Thermostat on unit

3. Turn off the (Electric/pneumatic) energy sources by placing energy isolating devices in the off position.



Operating Control Location

Thermostat on unit



Isolating Device Location 1

Knife switch next to unit



No Picture Available

Isolating Device Location 2

Refrigerant capture port on unit (internal)

- 4. Lockout the energy isolating device(s) with assigned individual locks.
- 5. Dissipate residual energy: **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**
- 6. Verify that equipment is disconnected from the energy source (s) **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**

Caution: Return operating control(s) to neutral or "off" position after verifying the isolation of the equipment.

#### **Restoring Freezer Compressor to Service**

- 1. Notify affected employees that maintenance has finished and lock and tags will be removed.
- 2. Check the machine/equipment and the immediate area around the machine/equipment to ensure that nonessential items have been removed and that employees have been notified of the startup.
- 3. Verify that the controls are in neutral or off.
- 4. Remove the lockout devices and re-energize the Electric/pneumatic
- 5. Restart the equipment.



Building: Talahi Elementary Boiler Room Penthouse

Machine: Cooler Compressor

- Notify affected employees that the machine/equipment will be shut down and locked/tagged out.
- If the machine/equipment is operating, shut it down by the normal stopping procedure.

Operating Control Location: Thermostat on unit

3. Turn off the (Electric/pneumatic) energy sources by placing energy isolating devices in the off position.



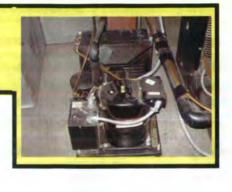


Thermostat on unit



Isolating Device Location 1

Knife switch next to unit



No Picture Available

Isolating Device Location 2

Refrigerant capture port on unit (internal)

- 4. Lockout the energy isolating device(s) with assigned individual locks.
- 5. Dissipate residual energy: SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST
- 6. Verify that equipment is disconnected from the energy source (s) **SERVICED ONLY BY CERTIFIED REFRIGERATION SPECIALIST**

**Caution**: Return operating control(s) to neutral or "off" position after verifying the isolation of the equipment.

#### **Restoring Cooler Compressor to Service**

- 1. Notify affected employees that maintenance has finished and lock and tags will be removed.
- 2. Check the machine/equipment and the immediate area around the machine/equipment to ensure that nonessential items have been removed and that employees have been notified of the startup.
- 3. Verify that the controls are in neutral or off.
- 4. Remove the lockout devices and re-energize the Electric/pneumatic
- 5. Restart the equipment.

