

# HAZARDOUS ENERGY CONTROL PLAN

## Lockout / Tagout

Chula Vista & San Bernardino  
Laundry Plants



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**December 2017**

## Job Options, Inc.

### LOCKOUT / TAGOUT PLAN – LAUNDRY PLANTS

#### A. Purpose

The accidental or unexpected starting of any machinery or electrical equipment can cause injury or death. This plan establishes the minimum requirements for the lockout of energy isolating devices whenever maintenance or servicing is done on machines or equipment. It shall be used to ensure that the machine or equipment is stopped, isolated from all potentially hazardous energy sources and locked out before employees perform any servicing or maintenance where the unexpected energization or start-up of the machine or equipment or release of stored energy could cause injury.

Before **ANY** inspections, maintenance or repairs are made on electrical equipment, power should be turned off at the switch box and the switch locked in the OFF position (locked-out). The switch or controls should be securely tagged to show that the equipment or circuits are being worked on.

In addition, mechanical parts generally must be mechanically blocked to prevent inadvertent movement during cleaning, servicing, or adjusting operations (block-out). If the machinery or equipment requires movement for the specific task, the hazard must be minimized through use of the extension tools (extended swabs, brushes, scrapers, etc.). Employees must be properly trained in the use of such tools.

Machinery being inspected or repaired must be isolated from all potentially hazardous energy sources, which must be locked out and blocked out. The machinery must also be free from all residual or accumulated energy before employees may perform any servicing or maintenance activities, if the unexpected release of stored energy could cause injury.

#### B. Definitions

1. **Affected Employee** – An employee whose job requires him/her to operate, use or work in the vicinity of a machine or equipment on which maintenance may be performed under lockout or tagout.
2. **Authorized Employee** – A person who is authorized to lock or tag a machine in order to perform maintenance or repairs or oversee repairs done by individuals outside the company.
3. **Energy** – Any of the following but not limited to: electricity, steam, compressed air or pressurized hydraulic fluid.
4. **Energy Isolating Device** – A mechanical device which is used to physically prevent the release or transmission of energy, including but not limited to: electrical circuit breakers, disconnect switches or valves. Push buttons are not energy isolating devices.
5. **Lockout** – The placement of a lockout device on an energy isolating device in accordance with an established procedure, ensuring that the energy isolating device and corresponding equipment being controlled cannot be operated until the lockout device is removed.
6. **Lockout Device** – A device that is used to adapt a padlock to an energy isolating device when that energy isolating device does not already have accommodations for accepting a padlock.

7. **Tagout** – The use of warning tags in conjunction with lockouts or a warning tag by itself when an energy isolating device will not accommodate a padlock or any type of lockout device.
8. **Tagout Device** – A prominent warning device, such as a tag and a means of attachment, which can be securely fastened to an energy isolating device in accordance with an established procedure, to indicate that the energy isolating device and the equipment being controlled may not be operated until the tagout device is removed.

**C. Compliance With This Program**

It is the responsibility of **all** employees to follow the proper procedures as outlined in this Plan. All employees are required to comply with the restrictions and limitations imposed upon them during the use of lockout. The authorized employees are required to perform the lockout in accordance with the procedure. **All employees, upon observing a machine or piece of equipment which is locked or tagged out to perform servicing or maintenance shall NOT attempt to start, energize, or use that machine or equipment.**

**Outside servicing personnel** must follow the same on-site procedures as outlined in this Plan.

**D. Employees Authorized to Lockout/Blockout Equipment**

Only authorized employees may lockout/blockout machines or equipment. The authorized employee(s) at the Job Options, Inc. Laundry Plants located in San Bernardino and Chula Vista are:

1. <u>Mike Hansen</u>	Title: <u>Lead Mechanic- CVL</u>
2. <u>Guillermo Estrella</u>	Title: <u>Mechanic Helper- CVL</u>
3. <u>Miguel Del Villar</u>	Title: <u>Lead Mechanic - SBL</u>
4. <u>Julio Maul</u>	Title: <u>Mechanic - SBL</u>
5. <u>Mike Honeycutt</u>	Title: <u>Mechanic Helper – SBL</u>
6. <u>Jess Luque</u>	Title: <u>Mechanic Helper- SBL</u>
7. _____	Title: _____

**E. Equipment Survey**

An initial survey of the Laundry Plants to identify all energy sources, including hidden ones, will be made by the following authorized employee(s): Julio Maul & Mike Hansen

To complete the survey, the designated individual(s) must:

- physically inspect the premises
- study drawings and equipment manuals if necessary (in complicated operations schematics of the disconnecting means may need to be drawn up)
- identify:
  - the equipment supplied
  - the energy type and magnitude; and
- locate and mark the disconnecting means with a sign or sticker – LOCKOUT HERE – to help direct workers to correct lockout devices.

## **F. Lockout/Tagout Sequence**

1. Notify all affected employees that a lockout is required and the reasons for the lockout.
2. The authorized employee shall refer to the established procedure to identify the type and magnitude of the energy that the machine or equipment utilizes, shall understand the hazards of the energy, and shall know the methods to control the energy.
3. Make sure no one is operating the machinery before turning the power off and that the machine operator is informed of the lockout in advance. Sudden power loss could cause an accident and serious injuries.
4. De-activate the energy isolating device(s) so that the equipment is isolated from the energy source(s).
5. Lock out the energy isolating device(s) with individual lock(s).
6. Stored or residual energy (such as springs, pressurized lines, elevated machine members, hydraulic systems, and air, gas, steam, or water pressure, etc.) must be dissipated or restrained by methods such as grounding, repositioning, blocking, bleeding down, etc.
7. Place tags on equipment. The tags must state:
  - the reason for the lockout
  - the name of the employee working on the equipment
  - the date and time the tag was placed
8. Test equipment to ensure that power is **OFF**:
  - first ensure that no personnel are exposed; and
  - next, check that all energy sources are disconnected and equipment is non-operational by checking the push button or other normal controls.

Caution: After testing, return controls to “off” or “neutral” position.

9. The machine or equipment is now locked out.

## **G. Restoring Equipment to Service**

1. After the job is finished and equipment is ready for normal operations, check the area to ensure that no one is exposed.
2. Ensure that all tools have been removed from the equipment and that all guards have been installed.
3. Verify that the controls are in neutral.
4. Remove the lockout devices and re-energize the machine or equipment. Note: The removal of some forms of blocking may require re-energization of the machine before safe removal.
5. Notify affected employees that the servicing or maintenance is completed and the machine or equipment is ready for use.

## **H. Annual Inspection**

At least annually, a periodic inspection of the energy control procedures for all machines and equipment will be conducted. The periodic inspection may be performed only by an authorized employee **other than the one using the energy control procedure being inspected**. The periodic inspection must include a review, between the inspector and each authorized employee, of that employee's responsibilities under the energy control procedure being inspected.

The certification must identify:

- the machine or equipment on which the energy control procedure was being utilized;
- the date of the inspection;
- the employee(s) included in the inspections; and
- the person performing the inspection.

## **I. Equipment Not Requiring Lockout**

All equipment that does not require lockout and that is serviced or repaired by an outside vendor, must be clearly tagged as inoperable equipment awaiting service. A tag will be placed in a visible location on the equipment. The tag will be attached at the same point as you would a lock, or as close to it as possible. Tags must be filled out completely and correctly. Tags by themselves do not de-energize equipment. Attach them only after the machinery has been isolated from its energy source. The equipment will be removed from the work floor and stored in a designated area.

## **J. Disciplinary Action**

Both the circumventing of and failure to lockout/tagout during maintenance operations are actions requiring disciplinary action.

**Job Options, Inc.**  
Laundry Plants – Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0001 \_\_\_\_\_ :

Parker 115 HP boilers  
Equipment

Gas (left side), Electrical (disconnect on wall)  
Energy Sources and Locations

Ball valve lockout – Lock disconnect  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0002 \_\_\_\_\_ :

Parker 50 HP, boiler  
Equipment

Electrical (disconnect on wall) – Gas (front under console)  
Energy Sources and Locations

Lock disconnect – Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella,  
Authorized Employee(s)

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Item # CV-0003 \_\_\_\_\_ :

Parker boiler feed water tank and pumps  
Equipment

Electrical (on applicable boiler disconnect), Water (on wall above make up tank)  
Energy Sources and Locations

Lockout applicable disconnect, ball valve lockout, butterfly valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella,  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0004 \_\_\_\_\_ :

Chem-Aqua Boiler chem. pumps  
Equipment

Electrical (unplug unit from wall behind softener tank)  
Energy Sources and Locations

Unplug unit  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0005 \_\_\_\_\_ :

Ludell direct contact water heater  
Equipment

Electric (wall behind unit) Water – incoming (above unit), Water – outgoing (back/right of unit)  
Energy Sources and Locations

Lockout Hasp, Ball Valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0006 \_\_\_\_\_ :

T.E.A. heat reclaim  
Equipment

Electrical (Cabinet disconnect), Water – incoming (top of unit), Water – outgoing (bottom of unit)  
Energy Sources and Locations

Lockout Hasp – Ball Valve lockout – Butterfly valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0007 \_\_\_\_\_ :

Hot water delivery pump  
Equipment

Electric (tTri-pump cabinet), Water – incoming (bottom of unit), Water – outgoing (above unit)  
Energy Sources and Locations

Ball Valve lock out – Butterfly valve lockout

Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

Item # CV-0008 \_\_\_\_\_ :

Tri-pumps water delivery  
Equipment

Electrical (in cabinet), Water – incoming (bottom pipe), Water – outgoing (above pump head unit)  
Energy Sources and Locations

Lock-out hasp – Ball Valve lockout – Gate valve lockout

Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

Item # CV-0009 \_\_\_\_\_ :

Hot water tank #1  
Equipment

Water – incoming (top of unit), Water – outgoing (bottom of unit)  
Energy Sources and Locations

Ball Valve lockout – Gate valve lockout

Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)



**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0010 \_\_\_\_\_ :

Cold water tank #002  
Equipment

Water – incoming (top of unit), Water – outgoing (bottom of unit)  
Energy Sources and Locations

Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0011 \_\_\_\_\_ :

Cold Water tank #003  
Equipment

Water – incoming/outgoing (common pipe)  
Energy Sources and Locations

Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0012 \_\_\_\_\_ :

Water Softener #1  
Equipment

Electrical (behind unit), Water – incoming (above/behind head), Water – outgoing (above/right of head)  
Energy Sources and Locations

Unplug from wall, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0013 \_\_\_\_\_ :

Water Softener #2  
Equipment

Electrical (behind unit), Water – incoming (above/behind head), Water – outgoing (above/right head)  
Energy Sources and Locations

Unplug from wall, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0014 \_\_\_\_\_ :

Water Softener #3  
Equipment

Electrical (behind unit), Water – incoming (above/behind head), Water – outgoing (above/right head)  
Energy Sources and Locations

Unplug from wall, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0015 \_\_\_\_\_ :

Water Softener #4  
Equipment

Electrical (behind unit), Water – incoming (above/behind head), Water – outgoing (above/right head)  
Energy Sources and Locations

Unplug from wall, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0016 \_\_\_\_\_ :

Water Softener Brine Tank #5  
Equipment

Water (pvc pipe left rear)  
Energy Sources and Locations

Unplug 1,2,3,4 water softeners  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0017 \_\_\_\_\_ :

Water Polisher for Boilers  
Equipment

Electrical (plug behind head), Water (Ball valve above head)  
Energy Sources and Locations

Unplug, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0018 \_\_\_\_\_ :

Water Polisher Brine Tank  
Equipment

Water, left side rear  
Energy Sources and Locations

Disconnect supply hose  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

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Item # CV-0019 \_\_\_\_\_ :

Atlas Air Compressor  
Equipment

Electrical (disconnect on wall), Air (rear/left of unit)  
Energy Sources and Locations

Lockout hasp, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0020 \_\_\_\_\_ :

Hydrovane Compressor (Non-Operational)  
Equipment

Electrical (disconnect on wall), Air (rear/right of unit)  
Energy Sources and Locations

Lockout hasp, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0021 \_\_\_\_\_ :

Pneumatic Accumulator Tank  
Equipment

Air – in (left side pipe), Air – out (middle of unit)  
Energy Sources and Locations

Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

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Item # CV-0022 \_\_\_\_\_ :

Pneumatic / air dryer Curtis  
Equipment

Electrical (behind unit), Air – in/out (rear of unit)  
Energy Sources and Locations

Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0023 \_\_\_\_\_ :

Pneumatic / Air Dryer Zander  
Equipment

Electrical (behind unit), Air – in/out (rear of unit)  
Energy Sources and Locations

Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0024 \_\_\_\_\_ :

#600 Braun Washer  
Equipment

Electrical (electrical room), Air (right/rear), Steam & hot/cold water (left side near ceiling)  
Energy Sources and Locations

Pull fuse block, Ball valve lockout, Butterfly valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0025 \_\_\_\_\_ :

#600 Braun Washer  
Equipment

Electrical (electrical room), Air (right/rear), Steam & hot/cold water (left side near ceiling)  
Energy Sources and Locations

Lockout hasp, Ball valve lockout, Butterfly valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0026 \_\_\_\_\_ :

#80 Uni-Mac Washer  
Equipment

Electrical (disconnect right rear), Water – hot/cold (behind unit on wall)  
Energy Sources and Locations

Lockout hasp, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0027 \_\_\_\_\_ :

#200 Braun Washer  
Equipment

Electrical (left front control panel), Air (left side back), Water & Steam (left side back)  
Energy Sources and Locations

Lockout hasp, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

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Item # CV-0028 \_\_\_\_\_ :

Braun BTW 10 Mod tunnel washer  
Equipment

Electrical (front cabinet), Air (behind cabinet), Water – hot/cold & steam (middle of unit)  
Energy Sources and Locations

Lockout hasp, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0029 \_\_\_\_\_ :

Braun Press  
Equipment

Electrical (control panel front), Air (above unit), Water (above unit)  
Energy Sources and Locations

Lockout hasp, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0030 \_\_\_\_\_ :

Braun Shuttle  
Equipment

Electrical (disconnect at cabinet)

Energy Sources and Locations

Lock out hasp  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0031 \_\_\_\_\_ :

Braun 250 pass thru dryer #1  
Equipment

Electrical (front console), Gas (above console), Water (above right side), Air (above right)  
Energy Sources and Locations

Lockout Hasp, Ball Valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0032 \_\_\_\_\_ :

Braun 250 pass thru dryer #2  
Equipment

Electrical (front console), Gas (above console), Water (above right side), Air (above right)  
Energy Sources and Locations

Lockout hasp, Ball Valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0033 \_\_\_\_\_ :

Braun 250 pass thru dryer #3  
Equipment

Electrical (front console), Gas (above console), Water (above right side), Air (above right)  
Energy Sources and Locations

Lockout hasp, Ball Valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)



**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0034 \_\_\_\_\_ :

Braun 250 pass thru dryer #4  
Equipment

Electrical (front console), Gas (above console), Water (above right side), Air (above right)  
Energy Sources and Locations

Lockout hasp, Ball Valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0035 \_\_\_\_\_ :

Braun take away conveyor  
Equipment

Electrical (disconnect at operator console)  
Energy Sources and Locations

Hasp lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0036 \_\_\_\_\_ :

Auxillary blow down Pneumatic tank for braun dryers  
Equipment

Air – in (top left), Air – out (top right)  
Energy Sources and Locations

Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

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Item # CV-0037 \_\_\_\_\_ :

Consolidated dryer  
Equipment

Electrical (front panel), Gas (right side), Air/Water (right side back of unit)  
Energy Sources and Locations

Lockout hasp, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0038 \_\_\_\_\_ :

Consolidated auxillary pneumatic tank  
Equipment

Pneumatics above tank  
Energy Sources and Locations

Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0039 \_\_\_\_\_ :

B&C Dryer #1  
Equipment

Electrical (left side of unit), Gas (behind unit), Water (behind unit)  
Energy Sources and Locations

Lockout Hasp, Ball Valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

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Item # CV-0040 \_\_\_\_\_ :

B&C Dryer #2  
Equipment

Electrical (left side of unit), Gas (behind unit), Water (behind unit)  
Energy Sources and Locations

Lockout Hasp, Ball Valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0041 \_\_\_\_\_ :

Braun Alpha Feeder  
Equipment

Electrical (unplug from iron), Air (unplug from iron)  
Energy Sources and Locations

Lock disconnect – Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0042 \_\_\_\_\_ :

Braun two roll ironer  
Equipment

Electric (front disconnect), Air (rear left), Steam (rear left)  
Energy Sources and Locations

Lockout hasp, Ball valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

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Item # CV-0043 \_\_\_\_\_ :

Braun Spa folder  
Equipment

Electric (front of ironer), Air (rear right)  
Energy Sources and Locations

Lockout hasp, Ball Valve lockout for both  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0044 \_\_\_\_\_ :

Braun stacker (Non-Operational)  
Equipment

Electric (ironer front panel), Air (disconnect hose)  
Energy Sources and Locations

Lockout hasp  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0045 \_\_\_\_\_ :

Braun two roll ironer  
Equipment

Electric (front disconnect), Air (rear left), Steam (rear left)  
Energy Sources and Locations

Lock disconnect, Ball valve lockout for both water and steam  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0046

Omega Folder Assembly  
Equipment

Electrical (right side under folder back of electrical cabinet), Air (front left behind electrical cabinet)  
Energy Sources and Locations

Lock disconnect, Ball Valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0047

Chicago Stacker (Non-Operational)  
Equipment

Electrical (ironer front panel), Pneumatics (on bottom rear of unit behind stacker)  
Energy Sources and Locations

Lock disconnect, Ball Valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0048

Colmac Steam Tunnel  
Equipment

Electrical (main panel of unit), Steam/condensate (above panel), Gas (right side of panel)  
Energy Sources and Locations

Lockout hasp, Ball Valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0049

Towel folder Chicago XXL  
Equipment

Electrical (right side under folder back of electrical cabinet), Air (front left behind electrical cabinet)  
Energy Sources and Locations

Lockout hasp, Ball Valve lockout  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0050

Braun Towel Folder  
Equipment

Electrical (rear right), Air (rear left)  
Energy Sources and Locations

Unplug or disconnect both  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0051

Bunn tie machines 1,2,3,4  
Equipment

Electrical (unplug)  
Energy Sources and Locations

Unplug  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0052

Wrapper tables 1,2,3  
Equipment

Electrical (unplug)  
Energy Sources and Locations

Unplug  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # CV-0054

Braun Stacker Assembly (Non-Operational)  
Equipment

Electrical (rear of folder), Air (left front of folder)  
Energy Sources and Locations

Unplug both from folder supply  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – CHULA VISTA**

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Item # CV-0055

Clean take away conveyor  
Equipment

Electrical (subpanel A), Pneumatic Pressure (above cabinet)  
Energy Sources and Locations

Breaker (#5), Ball Valve lockout for both  
Type of lock or energy control device

Mike Hansen, Guillermo Estrella  
Authorized Employee(s)

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Item # \_\_\_\_\_

\_\_\_\_\_  
Equipment

\_\_\_\_\_  
Energy Sources and Locations

\_\_\_\_\_  
Type of lock or energy control device

\_\_\_\_\_  
Authorized Employee(s)

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Item # \_\_\_\_\_

\_\_\_\_\_  
Equipment

\_\_\_\_\_  
Energy Sources and Locations

\_\_\_\_\_  
Type of lock or energy control device

\_\_\_\_\_  
Authorized Employee(s)



**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – SAN BERNARDINO**

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Item # SB-001 \_\_\_\_\_ :

Parker Boiler 50 HP  
Equipment

Gas: front left; Electrical: front right  
Energy Sources and Locations

Ball valve lockout – Lock disconnect  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-002 \_\_\_\_\_ :

Kaiser Compressors  
Equipment

Electrical: west wall; Pneumatics: behind Compressor  
Energy Sources and Locations

Lock disconnect – Ball valve lockout  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-003 \_\_\_\_\_ :

Chem-Aqua Boiler Chemistry Delivery System  
Equipment

Electrical: south wall, left of pump unit  
Energy Sources and Locations

Pull plug out of wall  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

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Item # SB-004 \_\_\_\_\_ :

Parker Boiler Feed Water Tank  
Equipment

Electrical: On applicable boiler disconnect; Geo-thermal water supply: Top of tank  
Energy Sources and Locations

Lock applicable disconnect – Ball valve lockout  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-005 \_\_\_\_\_ :

Zander Pneumatic Air Dryer  
Equipment

Electrical: On south wall left of unit; Pneumatic: Behind machine  
Energy Sources and Locations

Lock disconnect – Ball valve lockout  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-006 \_\_\_\_\_ :

Pneumatic Accumulator Tank  
Equipment

Pneumatic: Valve in front of tank; Ball valve at compressors  
Energy Sources and Locations

Ball valve lockout  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Laundry Plants –Chula Vista & San Bernardino, California

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Item # SB-007 \_\_\_\_\_ :

Braun 600 Dryer  
Equipment

Breaker: (Electrical room) Air: front top Water: Front top  
Energy Sources and Locations

Breaker lockout, ball valve,  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-008 \_\_\_\_\_ :

Water Softener Bank  
Equipment

Water: Ball valve above to right of bank  
Energy Sources and Locations

Ball valve lockout for both incoming and outgoing  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-009

75 lb. Milnor Pony Washer  
Equipment

Electrical: Left side of washer; Water: Right side for both; Steam: Right side – chemistry on east  
side of wash room  
Energy Sources and Locations

Lock disconnect, Ball valve lockout for both water and steam, E-stop at the pump station  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Laundry Plants –Chula Vista & San Bernardino, California

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Item # SB-010

Braun Open-Pocket Washer  
Equipment

Electrical: Rear wall mount disconnect; Water: Both on left side; Steam: Left side – Chemistry on left side

Energy Sources and Locations

Lock disconnect, Ball Valve lockout for both water and steam, E-stop at the pump station

Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

Item # SB-011

Energenics Lint Collector  
Equipment

Electrical: Rear wall disconnect; Pneumatics: On top rear of unit behind stack

Energy Sources and Locations

Lock disconnect, Ball Valve lockout

Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

Item # SB-012

Milnor Flow Splitter  
Equipment

Electrical: Front of unit, two switches

Energy Sources and Locations

Turn off both switches and tag out

Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Laundry Plants –Chula Vista & San Bernardino, California

**SPECIFIC LIST FOR MACHINERY AND EQUIPMENT – SAN BERNARDINO**

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Item # SB-013

Milnor CBW 7-Pocket Tunnel Washer  
Equipment

Electrical: Wall behind operator's console; Water: Southwest corner of structure for both Geo-thermal and Potable; Steam: Northwest corner of structure; Chemical delivery: East wall of washroom at E stop

Energy Sources and Locations

Lock disconnect; Gate valve lockout for Geo-thermal, potable water and steam – E stop chemistry at pump station

Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

Item # SB-014

Braun 600 Pass Through Washer  
Equipment

Electricity: Rear right side on wall; Air: Front top; Steam: Rear Right side; Water: Rear left side hot and cold  
Energy Sources and Locations

Disconnect switch: Ball valves.

Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

Item # SB-015

Milnor 45 Bar Press  
Equipment

Electrical: Southeast corner of machine; Air: Above press near CBW  
Energy Sources and Locations

Lock disconnect, Ball Valve lockout

Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Laundry Plants –Chula Vista & San Bernardino, California

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Item # SB-016

Milnor 2-Cake Shuttle Conveyor  
Equipment

Electrical: Right side of operator console  
Energy Sources and Locations

Lock disconnect  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-017

Milnor 450 lb. Gas Dryer  
Equipment

Electrical: Rear of machine; Gas: Above discharge door; Air: Above load door  
Energy Sources and Locations

Disconnect lock, Ball valve lockout for both gas and air  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-018

Braun 250 lb. Conventional Dryer  
Equipment

Electrical: Wall west of structure; Gas: Above Milnor Dryer #4; Air: At tank, left side of structure  
Energy Sources and Locations

Disconnect lock, Ball valve lockout for both gas and air  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Laundry Plants –Chula Vista & San Bernardino, California

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Item # SB-019

Braun Accumulator Air Tank  
Equipment

Pneumatic pressure: Incoming and outgoing on right side of tank  
Energy Sources and Locations

Ball Valve lockout for both  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-020

Braun Lint Collector  
Equipment

Electrical: Motor on top  
Energy Sources and Locations

Unplug electrical feed  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-021

Braun Feeder Spreader Assembly  
Equipment

Electrical: Disconnect on Braun Iron Operator console; Air: Behind feeder, under feed table  
Energy Sources and Locations

Disconnect lock, disconnect air at fittings  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

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Item # SB-022

Braun 3-Roll Ironer  
Equipment

Electrical: Front of operator console; Steam supply and Condensate return: Both at rear left of structure; Air: Rear left of structure

Energy Sources and Locations

Disconnect lock; Gate valve lockout for steam and condensate, Air Ball Valve lockout

Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque

Authorized Employee(s)

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Item # SB-023

Braun SPRA 4-Lane Folder  
Equipment

Electrical: At operator console; Air: Under discharge conveyor of ironer, north side

Energy Sources and Locations

Disconnect lock, Disconnect air line

Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque

Authorized Employee(s)

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**Job Options, Inc.**  
Laundry Plants –Chula Vista & San Bernardino, California

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Item # SB-024

Hypro 6-Roll Ironer  
Equipment

Electrical: Disconnect front right under feed table; Steam and Condensate: Rear left corner; Air: Front right side

Energy Sources and Locations

Disconnect lock, Steam gate valve lockout, Condensate Ball valve lockout, Air ball valve lockout  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-025

Jensen Towel Folder 1&2  
Equipment

Electrical: Behind operator console under top deck; Air: Under top left side

Energy Sources and Locations

Disconnect lock, Disconnect air hose  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-026

Ching Tsai Tie-Out Machine  
Equipment

Electrical: E-stop, right side under table

Energy Sources and Locations

Unplug from wall

Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Laundry Plants –Chula Vista & San Bernardino, California

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Item # SB-027

Heat Wrap Machine  
Equipment

Electrical: Left front  
Energy Sources and Locations

Unplug from wall  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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Item # SB-028

Feed & Boiler Return System  
Equipment

Electrical: front up switch Water: Right side Steam: Rear right side Return: Upper left side  
Energy Sources and Locations

Disconnect box: Ball valve for water, steam & return  
Type of lock or energy control device

Julio Maul, Miguel Del Villa, Mike Honeycutt, Jess Luque  
Authorized Employee(s)

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