



LOCKOUT TAGOUT INNOVATION



2021 Annual Safety and Health Conference

SAFETY SERVICES & TECHNOLOGY

ONE COMPANY. ENDLESS SOLUTIONS.



SAFETY SERVICES, TRAINING & CONSULTATION



SAFETY SOFTWARE & TECHNOLOGY SOLUTIONS



**Audits
OSHA/ANSI/EC**

Written Policies

**Lockout
Procedures**

**Lockout
Verification**

Training

**Periodic
Inspections**

**Program
Management**

Turnkey Lockout Programs



YOUR LOGO HERE

Lockout-Tagout Procedure [ID: LP1023]

Revised: 06/26/2014
Approved: Don Frank
Authorized: Maintenance Manager

Quincy Air Compressor

MAIN BUILDING BIG BAY COLUMN 16

LOCKOUT APPLICATION PROCESS

1. Notify affected personnel. 2. Properly shut down machine. 3. Isolate all energy sources.
4. Apply lockout devices, locks, and tags. 5. Verify total de-energization of all sources.

STEPS	ENERGY SOURCE	DEVICE	METHOD	PICTURE
	CONTROL PANEL	Control Panel - on unit.	Power off.	
	ELECTRICAL 480V	Electrical Disconnect : AIR COMPRESSOR FOR PLASMA EQUIP. on wall behind unit.	Move to off position and Lockout with padlock through hole in handle.	
	ELECTRICAL 480V	Electrical Cord : on wall behind unit, right side. For Tester.	Unplug cord and lockout with cord & plug lockout device.	
	PNEUMATIC 110 PSI	Ball Valve : on unit.	Turn Ball Valve to off position and Lockout using a Ball Valve Lockout Device.	
	STORED PRESSURE	Bleed Valve : on North side of unit, floor level.	Open valve to bleed to zero pressure, then close valve.	

THermal Heat Potential Wait to Cool Before Working.

RAPID LOTO Martin Technical
Quincy Air Compressor Page 1 of 2

RAPID LOTO™



Data to Delivery in 1 Day

1



2



3



Peer Review &
Customer Acceptance

4



5



6





Software Key Features

- Cloud Based Computing
- No WIFI required
- QR Code & Barcode enabled
- Modifiable Word Documents
- Customizable forms & tags
- Mobile Periodic Inspection & Checklists
- Paper Checklist & Permit Forms
- Multiple Languages

Multiple Outputs

ENERGY SOURCE	LOCKOUT	METHOD	QUALITY TAG
ELECTRICAL	DISCONNECT	Run of cables, manual	E-1
WATER	120V O/C	Run of cables	W-2
WATER	240V O/C	Run of cables	W-2
WATER	VALVE O/P	Run of cables	W-2
WATER	VALVE O/P	Run of cables	W-2
TOXIC	PLUG	Run of cables	C-1
CHEMICAL	PLUG	Run of cables	C-1

DANGER PELIGRO
DO NOT OPERATE NO UTILIZAR

Washdown
Pump System #5A

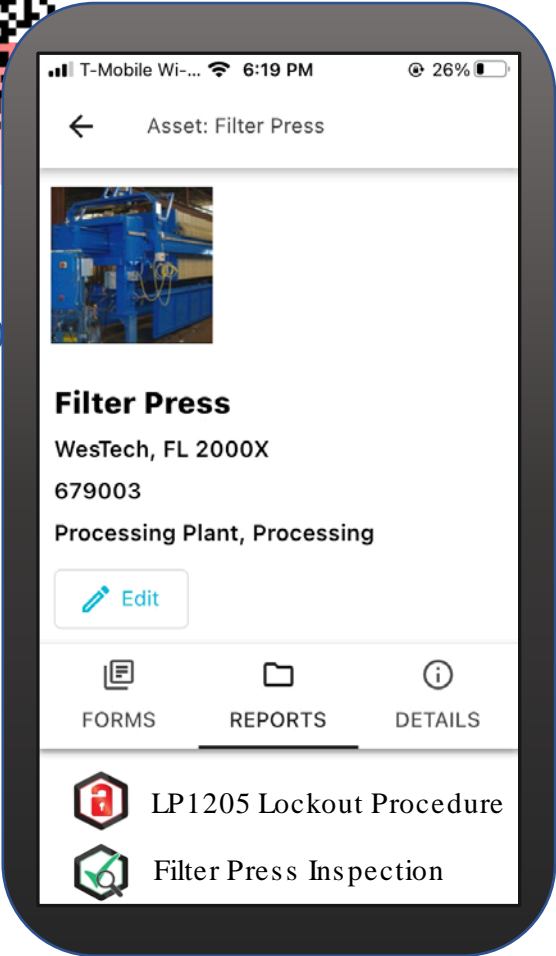
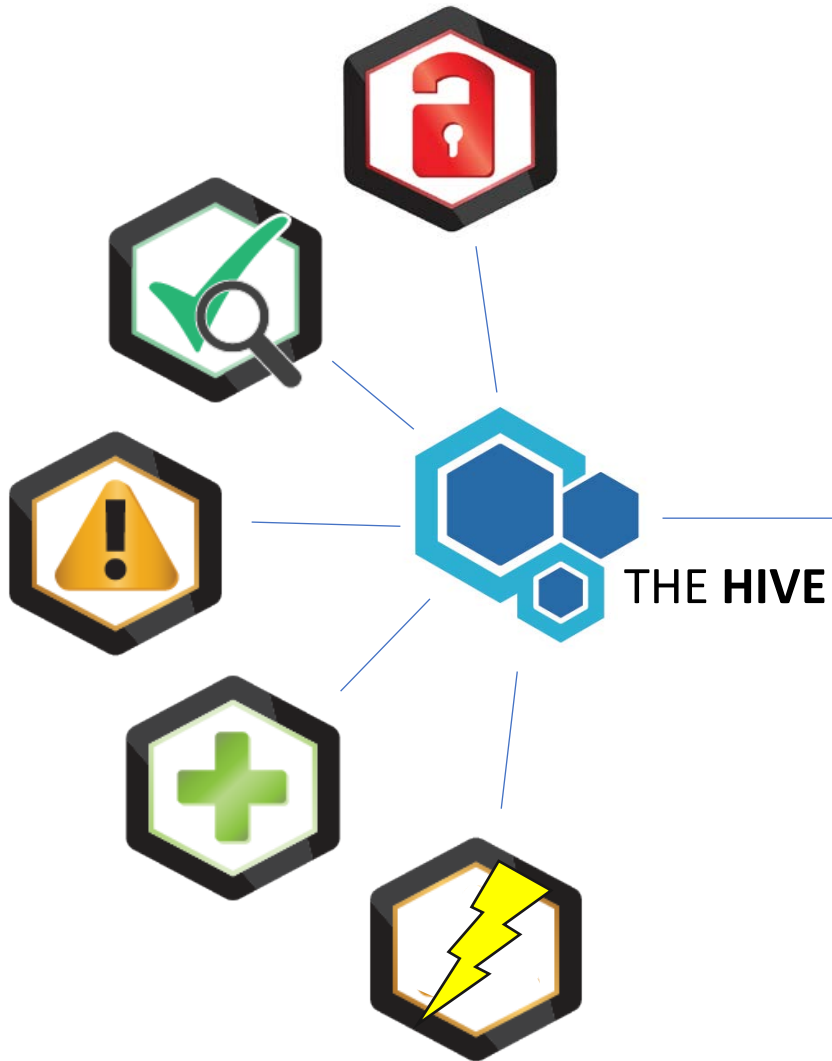
Electrical Disconnect
DISC-P3A
480V AC

Locked out for maintenance
on system until Jan 23.

[Signature]

Procedure No.	Date	Time	By	Checked	Status	Remarks
101	10/26/2021	08:00	J. Smith	J. Smith	Completed	Water Pump #5A
102	10/26/2021	09:30	M. Jones	M. Jones	In Progress	Electrical Disconnect
103	10/26/2021	11:00	K. Brown	K. Brown	Completed	Valve O/P
104	10/26/2021	13:00	L. Green	L. Green	Completed	Valve O/P
105	10/26/2021	15:00	P. White	P. White	Completed	PLUG
106	10/26/2021	17:00	R. Black	R. Black	Completed	PLUG
107	10/26/2021	19:00	S. Gray	S. Gray	Completed	PLUG
108	10/26/2021	21:00	T. Blue	T. Blue	Completed	PLUG
109	10/26/2021	23:00	V. Yellow	V. Yellow	Completed	PLUG
110	10/26/2021	01:00	W. Purple	W. Purple	Completed	PLUG





Pulp & Paper Lockout Experience & Expertise

Pulp & Paper Challenges & Solutions

- Day to Day Variance of LOTO
 - Equipment Repair LOTO
 - Individual Valves, headers, joints ...
 - System lockout or partial system lockout
- Interlocks & Lockout
- System Shutdowns & Turnarounds
- Group LOTO with 100's of points & contractors
- Operations & Maintenance working together
- Permit Systems



Allweather
Wood™



Weyerhaeuser





**Come write a lockout procedure & get
your questions answered !**



**Christann Currier
@ Booth #300**



Thank You!