Nicholasville Emergency Response Team

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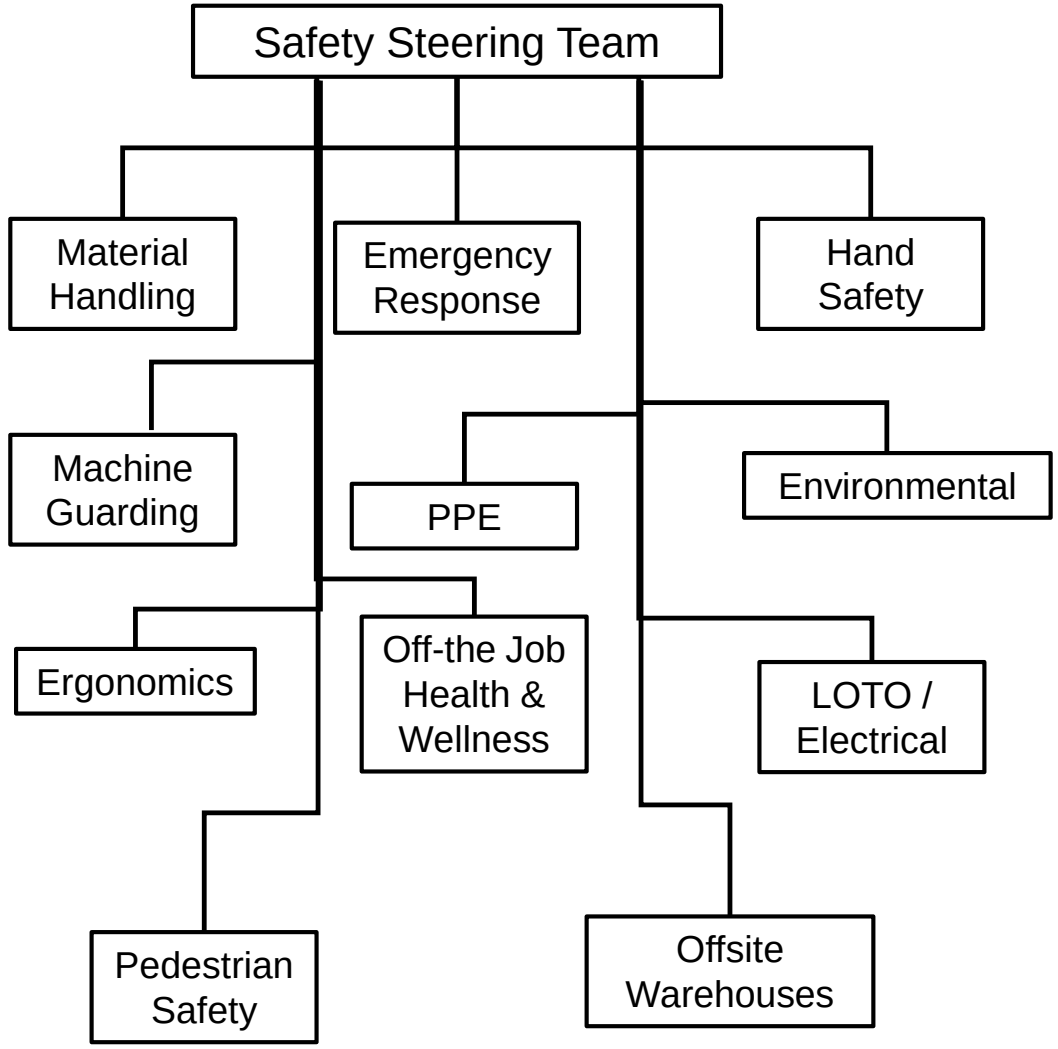
Nicholasville Safety Team Structure

Nicholasville has a Cascading Safety Team Structure

- One Main Safety Steering Team
- Eleven Safety Sub-Teams
- All Safety Sub-Teams are led by hourly employees with a Salaried Management Representee as a member
- Each Team has a set meeting time – Weekly / Monthly / Quarterly

The 4 Main Responsibilities for all Safety Teams

- Conducting Audits and Evaluating the Findings of Audits
- Conducting HRA (Hazard Risk Analysis) Projects
- Conducting Safety Awareness Projects
- Review Safety Action Register



Nicholasville Emergency Response Achievements

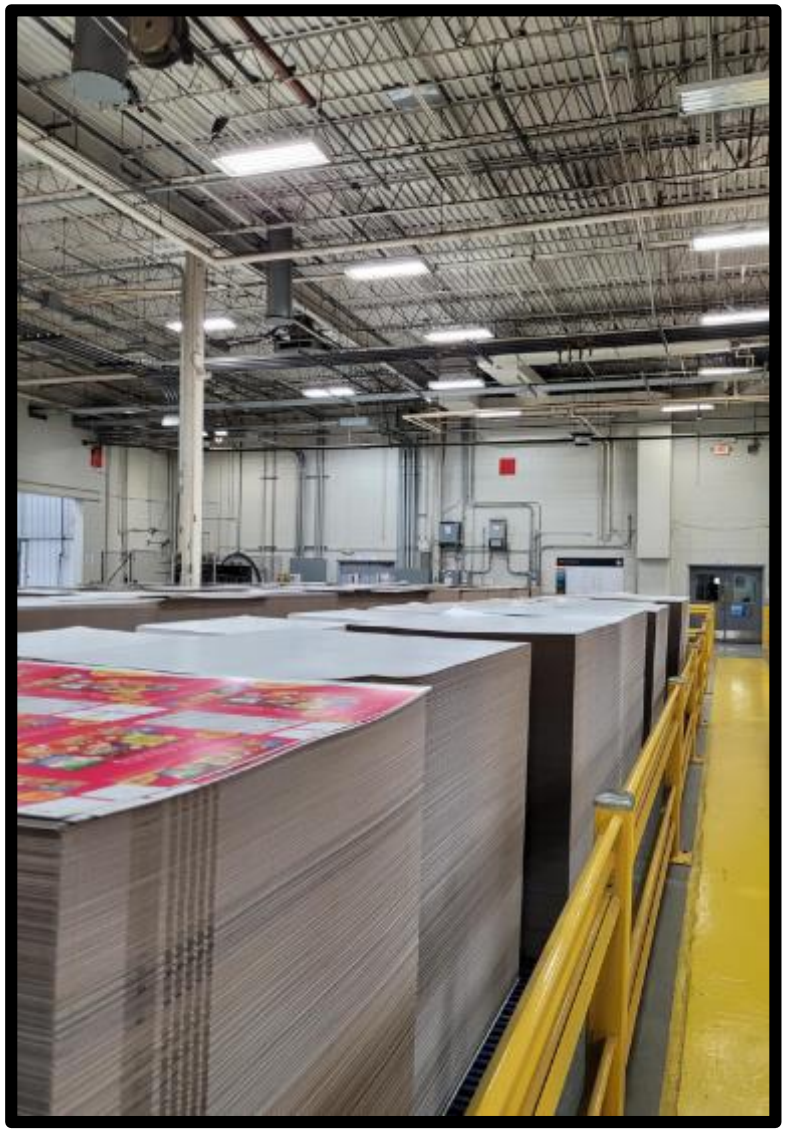
- **Emergency Response Why Page**
- **Fire Extinguisher Identification**
- **Fire Extinguisher Replacement Process**
- **Fake Fire Awareness**
- **Life Safety Drill Tracking**
- **Natural Disaster Alarm Lights**
- **Fire Response Training for High-Risk Areas**
- **Fire Recovery and Planning**
- **High Risk Rescue Drills**
- **Code Red Cabinets**
- **Fire Extinguisher Training**
- **Plant Maps**
- **Active Aggressor Training**
- **Code Red Alert System**
- **PSA’s**
- **Partner with Local Emergency Planning Commission**

Why We Have an Emergency Response Team

The Emergency Response Team understands that Life Safety is a vital aspect of a responsible Safety Program. To ensure this, the ER Team will conduct the Fire and Natural Disaster drills as well as First Aid Response. We will provide First Aid/ CPR training to any employee that wants to be certified. We will conduct audits on eye wash stations, emergency weather radios and Life Safety Equipment.

Nicholasville 2020 Printing Press Fire

Fire Extinguisher Visibility



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Fire Extinguisher Replacement

After a Fire Extinguisher has been used or removed, do you keep operating that machine / process?

Please contact Reliability to get this Fire Extinguisher replaced before starting the machine or process. Also notify management why the Fire Extinguisher was used.

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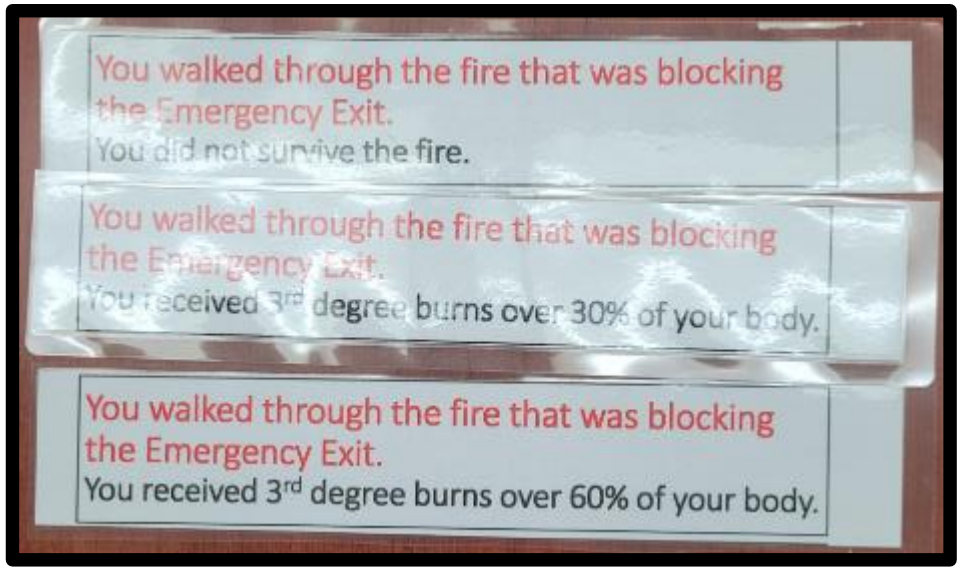
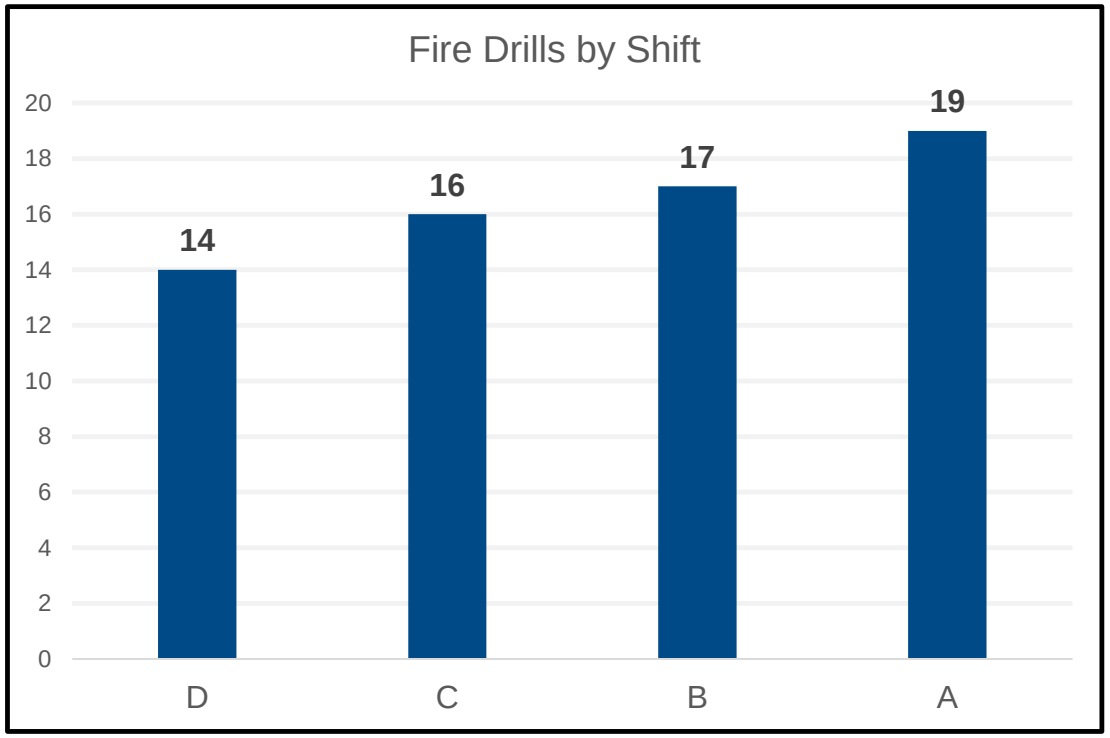
Fake Fire Awareness

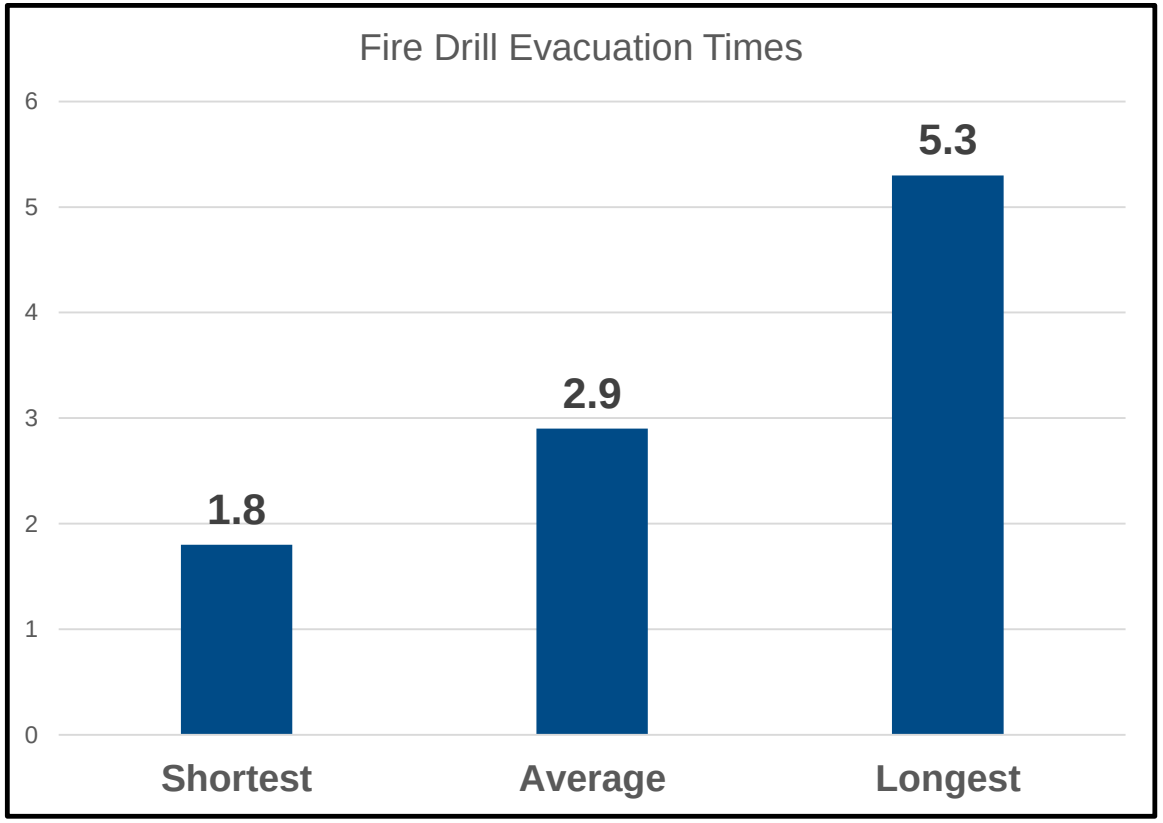
Created a Fake Fire to place at Emergency Exits

Cards to pass out to those that walk by the Fake Fire



Life Safety Drill Tracking





Natural Disaster Alarm System

Nicholasville Designed Natural Disaster Alarm System

Fire Response Training – High Risk Areas

- Due to the High Risk of Fire on Printing Presses the team created a separate training around fire response in this area.
- It is conducted annually or when someone new comes into the department.

Printing Press Procedures in Case of Fire Emergency

Pro-Active – Before Emergency occurs.

1. Know the locations of the fire extinguishers on the printing press and in the Printing department.
2. Know the locations of the fire alarm pull station in the printing department.
3. Know the location of the flammable liquids stored in the printing department.
4. Know if any member of your crew is on the Emergency Response Team
5. Ensure the least amount of flammable liquids are stored on the printing press.
6. Ensure all of your team members know how to operate a fire extinguisher – P.A.S.S
7. Ensure all chemicals and chemical-soaked rags are stored in fire safe cans.
8. Ensure all crew members know and understand Fire Evacuation procedures.

Reactive – Emergency Situation has occurred.

(Steps 1 , 2 and 3 can be performed at same time by different employees)

1. Signal the fire alarm.
2. If safe to do so, determine if fire can be extinguished with fire extinguisher.
3. Stop the machine by pressing Emergency Stop
4. Push Slam Air device to remove air going to press if able.
5. Evacuate the building by following establish fire evacuation procedures if fire can't be or attempt to extinguish was unsuccessful.
6. Reliability team will shut down air compressors if safe to do so.
7. Notify plant leadership location of fire.

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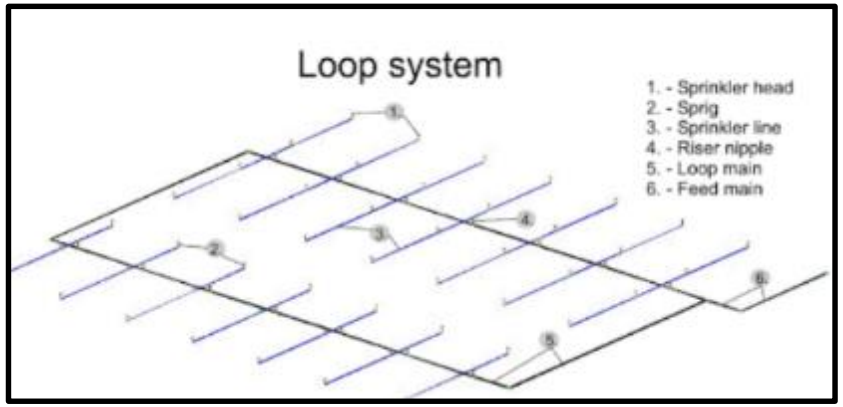
Created a Fire Safety Checklist

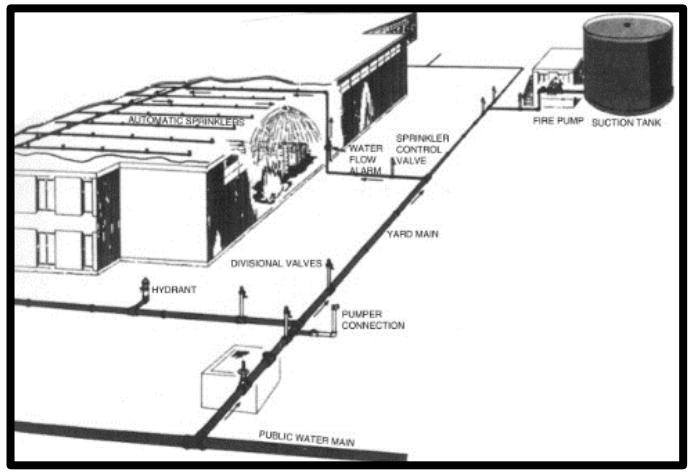
Know the answer to all these questions:

- Where is the power shut off to the plant?
- Where are the PIV for the sprinkler system?
- What does each PIV control?
- Do we have a looped water system?
- Do we have roof exhaust fans?
- Do we have a zoned sprinkler system?
- Do we have a company to do fire clean-up
- **What will happen if we turn power back on?**

Questions to ask around Fire Evacuation:

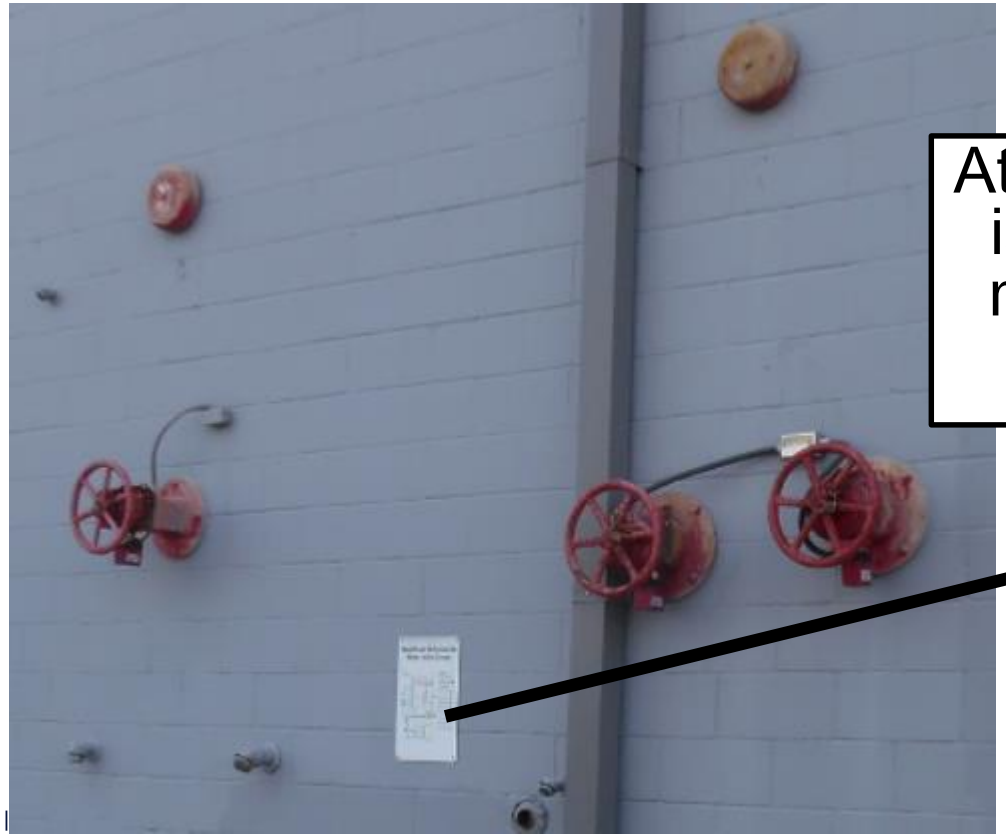
- How quickly can you evacuate the facility?
  (Within 4 minutes most of the plant was full of smoke)
- When do you pull the fire alarm?



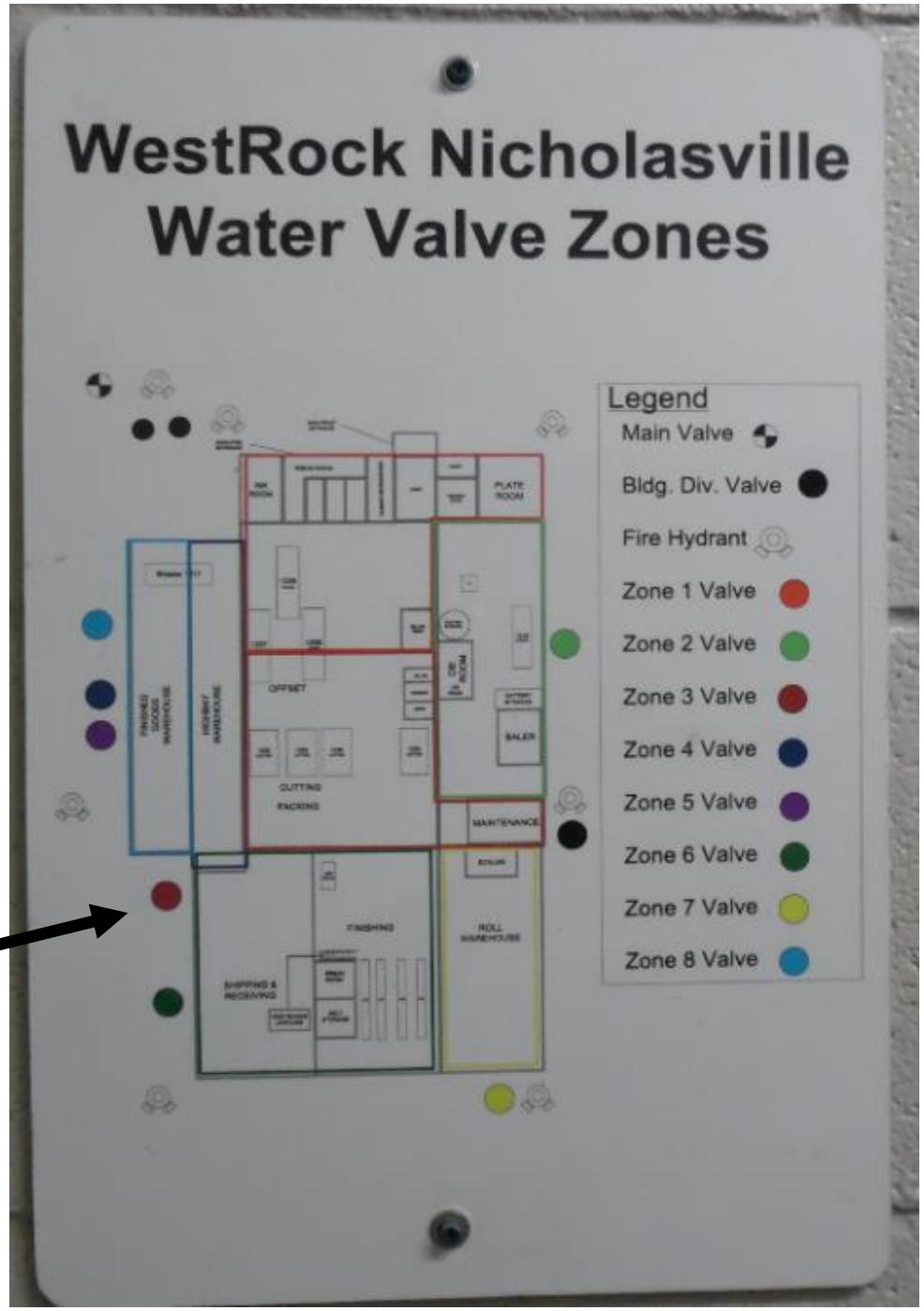


What does each Post Indicating Valves (PIVs) control?

- Created a Reference Guide that shows what each PIV (Post Indicator Valve) Controls



At the PIV's is a good mounting location



High Risk Rescue Drills

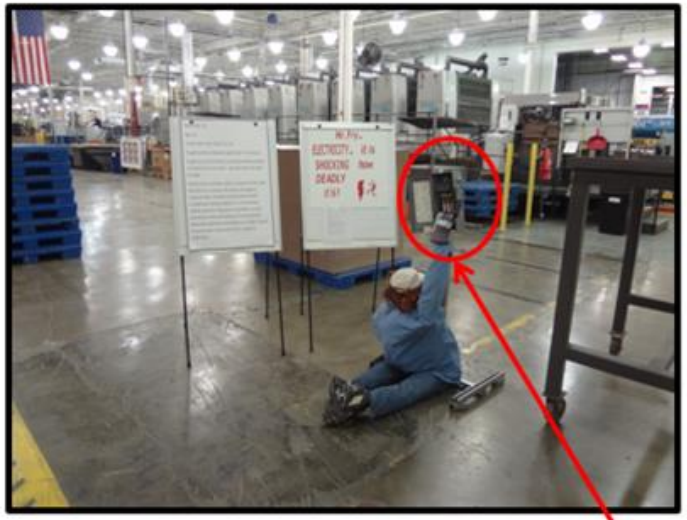
- Rescue Randy Training Mannequin
- Aerial Rescue Tabletop Exercise
- Rescue Time Drills

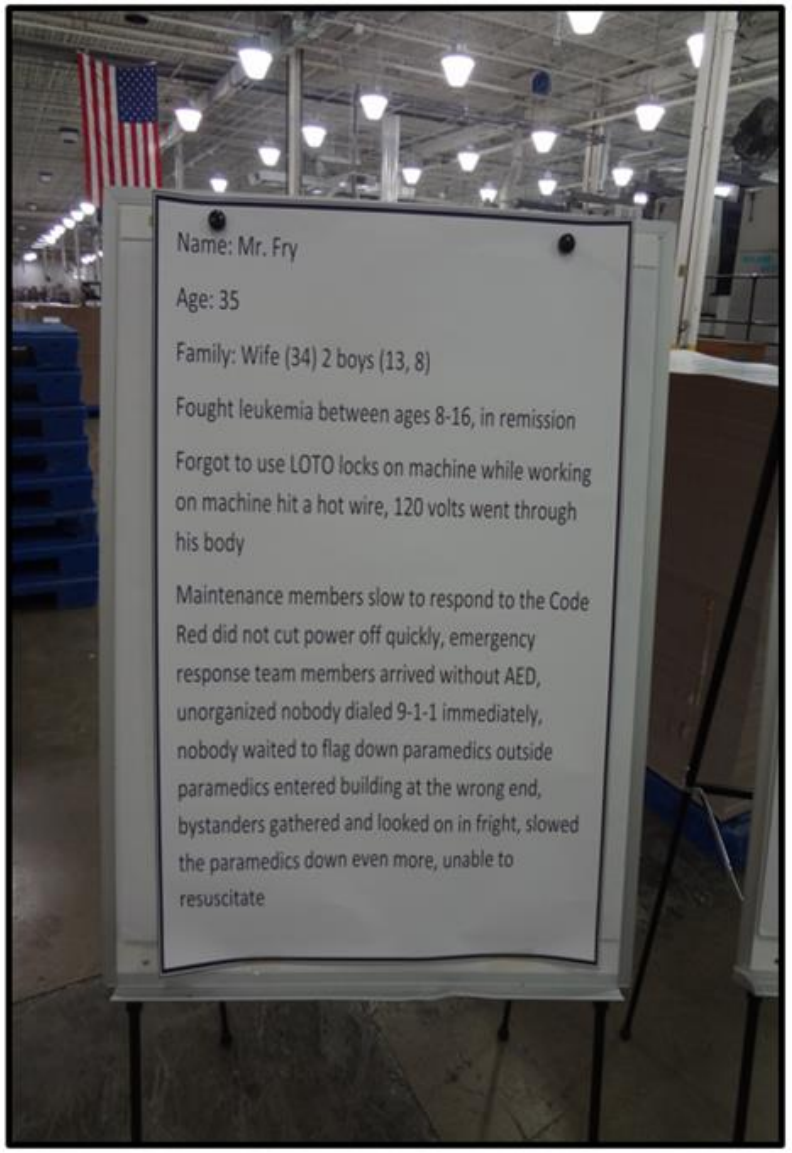
How Prompt is Prompt?

- OSHA standard states - Employer must have to prepare the worker for self-rescue or rescue them in a prompt timely manner
- Suspension in a fall arrest device can result in unconsciousness, followed by death, in less than 30 minutes
- Air Force study in which volunteers suspended in harnesses experienced adverse health effects in as little as 12 to 15 minutes
- International Society for Fall Protection, advises that rescues generally should be completed in 15 minutes max.

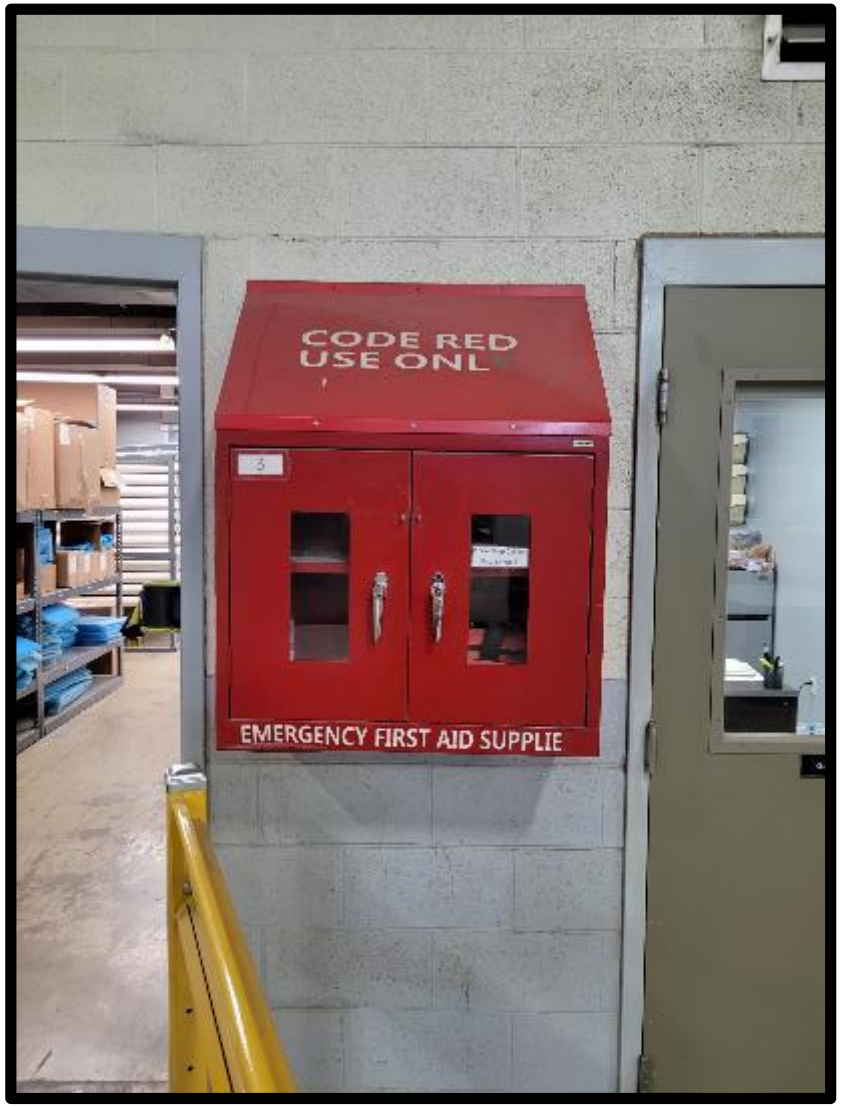
Fall Rescue Tabletop Exercise

High Risk Awareness Activities





Code Red Box – ER Team – Go Bags



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Fire Extinguisher Training

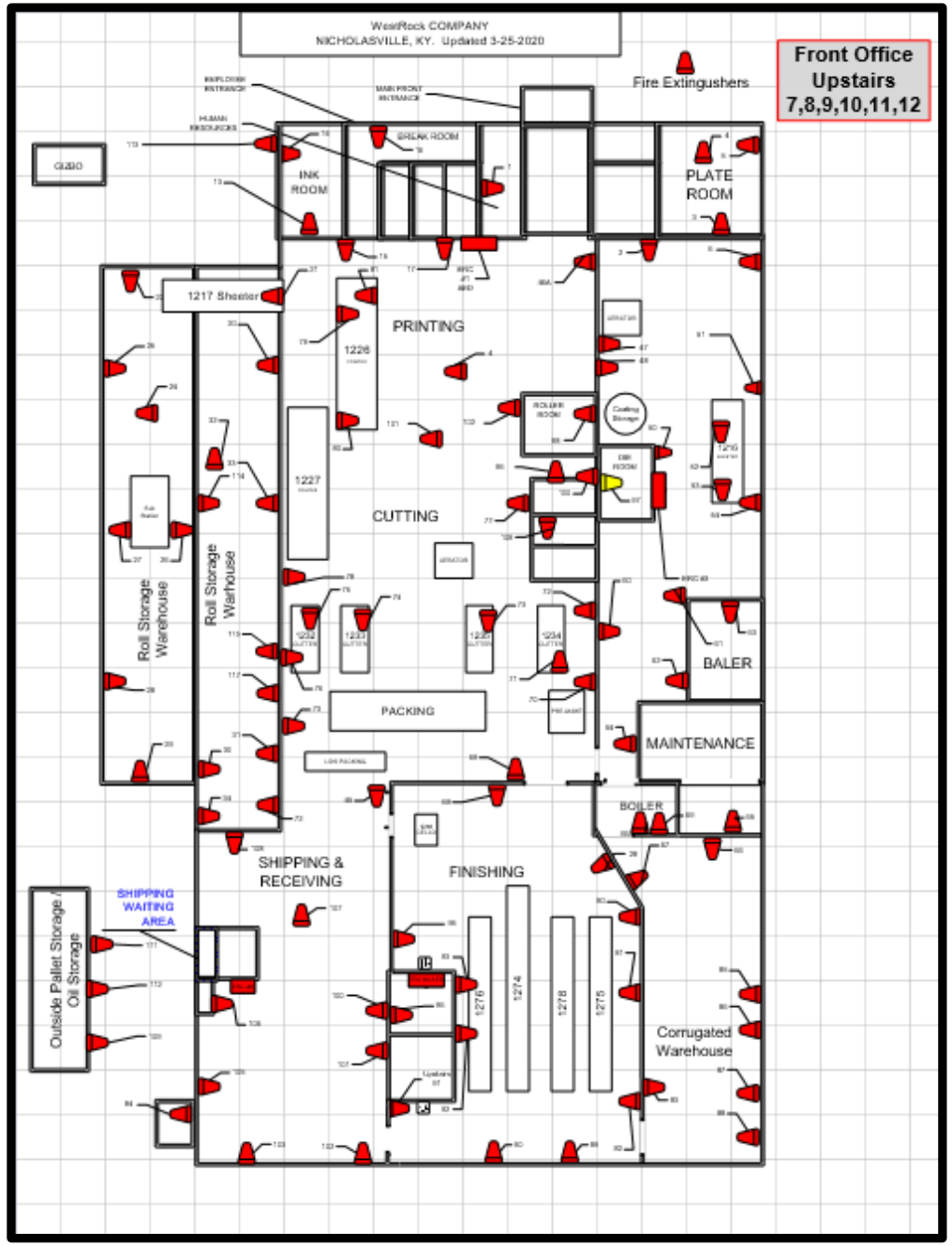
- Worked with Local Fire Department to set up Fire Extinguisher Training
- Use of the **Lion | BullsEye™ Digital Fire Extinguisher Training System**

Plant Maps

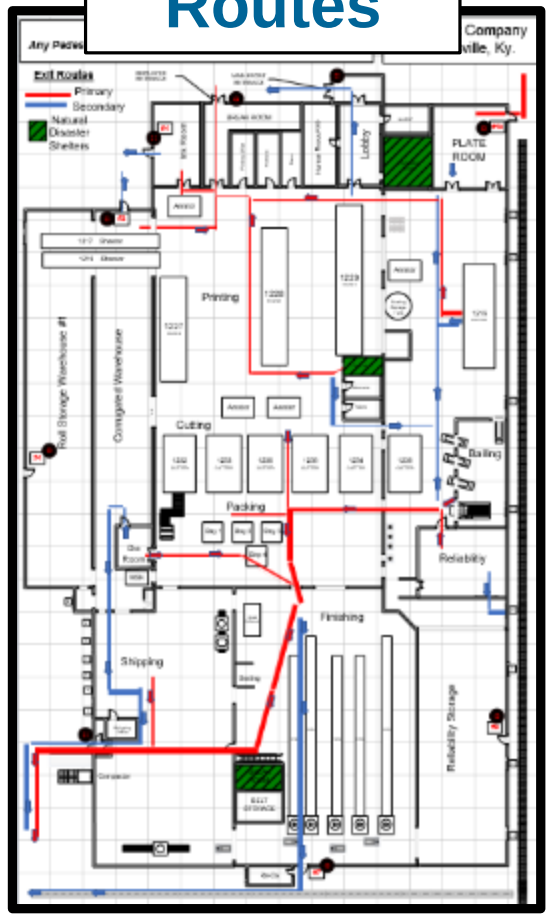
Fire Extinguishers

Other Maps

- Spill Kits
- PPE Stations
- Tour Routes
- Life Safety Equipment



Exit Routes



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Active Aggressor Training

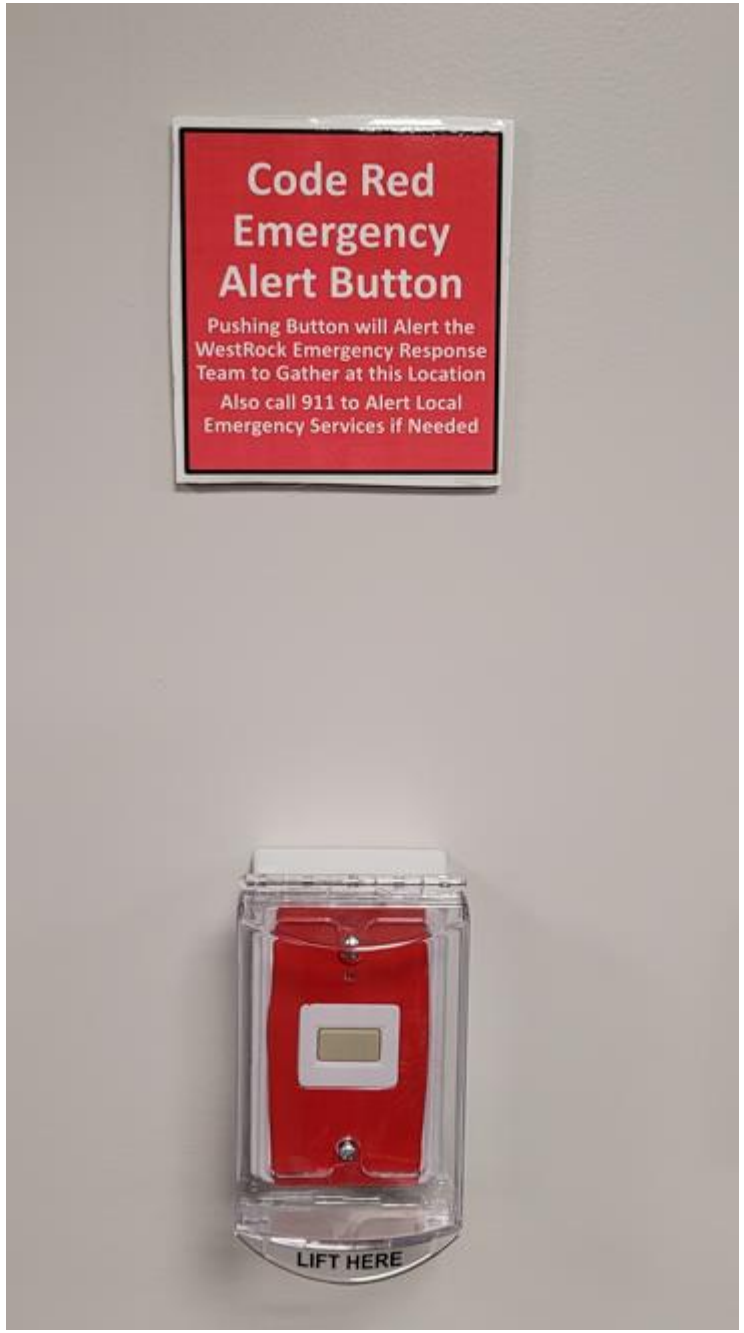
- Active Aggressor Training for Entire Facility
- James Stephens – Safe – T- Sources – Retired Captain Kentucky State Police , Bachelors Degree in Police Administration , Masters in Safety/Security and Emergency Management , Directory of Security for United State Senators.

4-Hour Class

- 2 Hours of Classroom Training
- 1 Hour Hands on Disarming Training
- 1 Hour Real World Active Aggressor Reaction Scenarios

Code Red Alert System - VisiPlex

- The total cost that we have spent on the PA System is approximately **$37,987.**
  - All Freight included
  - FCC License included
  - Highest Power/Quality Antenna, Transmitters, and Receivers that VisiPlex provides
  - All devices have Backup Battery
  - UPS for Transmitter/Antenna



PSA's – Public Service Announcements for the Facility

Meet your Emergency 1st Responders

It is very important that we all know who to go to in case of a serious injury or illness, the following employees are here to help.

8 HOUR

Earl Clark	Jerry Colyer	Jeff Davis	Chad Sponcil
Jenny Privett	Mary Privett (nights)	Bryan Moberly	Chad Davis

DO NOT BLOCK

The following should not be blocked at any time for any reason

CODE RED BOXES


ALARM PULLS


FIRE EXTINGUISHERS

EXIT DOORS


EYE WASH FOUNTAINS

FIRE LANES

FIRE DOORS

Check your areas, to make sure that all are not blocked and are always easily accessible

Watches	
Conditions are favorable or expected but not occurring or imminent	
Tornado	Atmospheric *conditions are favorable* for the development of severe thunderstorms capable of producing tornadoes.
Severe Thunderstorm	Atmospheric *conditions are favorable* for the development of severe thunderstorms (i.e. – producing hail at least 1" in diameter and/or 50 knot (58 mph) or greater wind speeds).

Warnings	
Conditions are occurring or imminent	
Tornado	A severe thunderstorm *has developed* and has either produced a tornado *or radar has indicated* intense low level rotation in the presence of atmospheric conditions conducive to tornado development
Severe Thunderstorm	A severe thunderstorm *has developed*, capable of producing hail greater than 1" diameter and/or 50 knot (58 mph) wind speeds.

Evacuation Procedures

Natural Disaster Evacuation

Shut down all machinery then quickly but calmly move to one of the natural disaster shelters (die shop or finishing break room), gather with members of your department so that a head

Member of Local Emergency Planning Commission

- Events on site
- Tours of other local facilities
- Community Education on what we have at Nicholasville WestRock

Nicholasville 2020 Printing Press Fire

If you don’t get anything else from this presentation, please understand how important it is to know you can get employees safety out of your facility in a timely manner

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Questions