



Metropolitan's Health and Safety Program

Engineering and Operations Committee

Item 6c

February 8, 2021

Protecting Our Most Valuable Asset Employees!



Health and Safety Program



Management Commitment



Injury Prevention



Tracking



Continuous Improvement



COVID-19 Response

Health and Safety Program



Management Commitment



Injury Prevention



Tracking



Continuous Improvement



COVID-19 Response



**SAFETY
FIRST**

**ZERO
INJURIES**

Collaborative Approach to Success



Health and Safety Program



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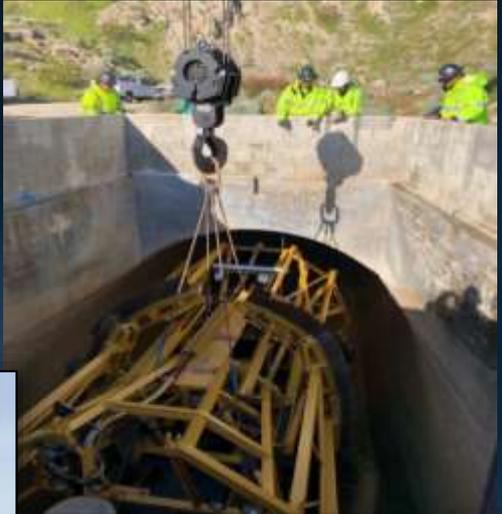
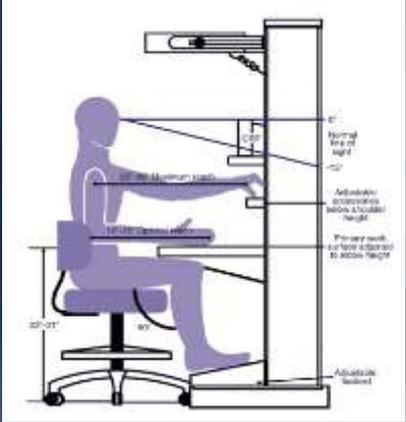


Continuous Improvement



COVID-19 Response

Supporting Essential Work



New Wildfire Regulations and Protective Measures



Bobcat Wildfire

Wildfire Dust Mask (ST2400) Voluntary Respirator Use Record	
Name of Employee:	Employee No.
Job Title:	Team:
Click Here to review N95/P100 Training Video	Click these links for fit-wear and user instructions
Click Here to review KN95 Training Video	N95/P100 Fit-Wear Instructions
Click Here to review Wildfire Smoke Protection Information	KN95/KN95/P100 User Instructions
Initials: <input type="text"/>	I viewed and understand Wildfire Smoke Protection Information
In order to provide you a dust mask for voluntary use, it is required by CalOSHA to provide you the information below. After reading the information, please complete the section at the end of this form.	
8 CCR 5144 Appendix D Mandatory Information for Employees Using Respirators When Not Required Under the Standard	
<p>Respirators are an effective method of protection against designated hazards when properly selected and worn. Respirator use is encouraged, even when exposures are below the exposure limit, to provide an additional level of comfort and protection for workers. However, if a respirator is used improperly or not kept clean, the respirator itself can become a hazard to the worker. Sometimes, workers may wear respirators to avoid exposures to hazards, even if the amount of hazardous substance does not exceed the limits set by OSHA standards. If your employer provides respirators for your voluntary use, or if you provide your own respirator, you need to take certain precautions to be sure that the respirator itself does not present a hazard.</p> <p>You should do the following:</p> <ol style="list-style-type: none">1. Read and heed all instructions provided by the manufacturer on use, maintenance, cleaning and care, and warnings regarding the respirators limitations.2. Choose respirators certified for use to protect against the contaminant of concern. NIOSH, the National Institute for Occupational Safety and Health of the U.S. Department of Health and Human Services, certifies respirators. A label or statement of certification should appear on the respirator or respirator packaging. It will tell you what the respirator is designed for and how much it will protect you.3. Do not wear your respirator into atmospheres containing contaminants for which your respirator is not designed to protect against. For example, a respirator designed to filter dust particles will not protect you against gases, vapors, or very small solid particles of fumes or smoke.4. Keep track of your respirator so that you do not mistakenly use someone else's respirator.	

Health and Safety Program



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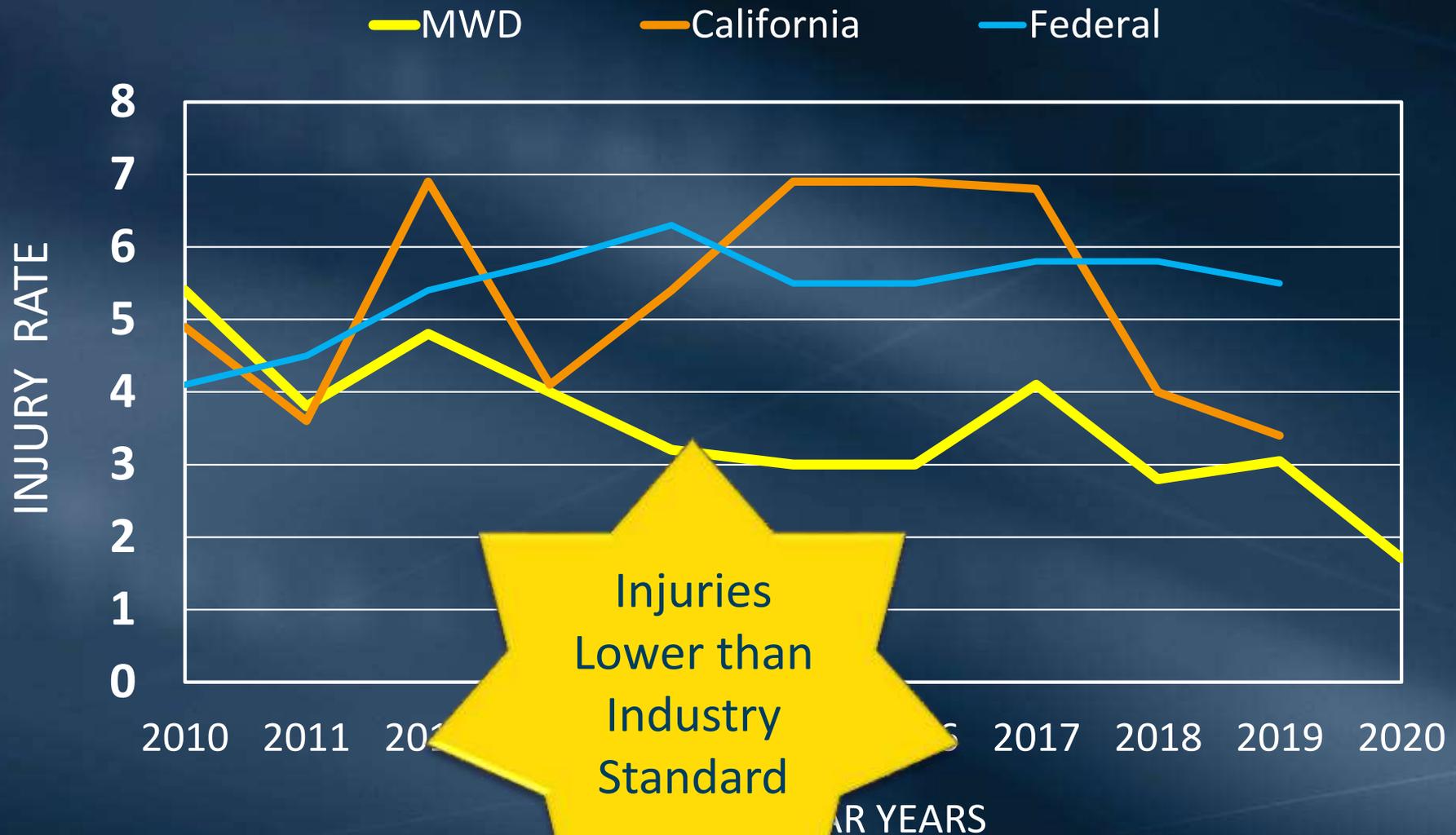


COVID-19 Response

Updated Performance Metrics

	Performance Indicators	Performance Goals
Leading Indicators	Mandatory Safety Inspections	90% Completed
	Mandatory Training	90% Completed
	Job Safety Hazard Checklists	Completed for Projects and Shutdowns
	Toolboxes	90% Completed
Lagging Indicators	Near-Miss Corrective Actions	% Completed
	Recordable Injuries/Illnesses	Zero
	Cal/OSHA Citations	Zero

Injury Rate vs Industry Average



Health and Safety Program



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COVID-19 Response

Update on 2020 Initiatives

- Focus on instilling Metropolitan safety culture upfront with new employees and managers
 - ✓ Improved new employee (including apprentices) and new manager orientations
- Encourage reporting of near-miss incidents
 - ✓ New performance metric tracking near-miss corrective actions

Update on 2020 Initiatives

- Conduct third-party Health and Safety Program review to further improve our program
 - Pending (delayed due to pandemic)
- Strengthen Bargaining Unit partnership and foster open and transparent communication
 - ✓ Labor and Management Safety Committee
 - ✓ Increased all hands meetings and toolboxes

Health and Safety Program



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Injury Prevention



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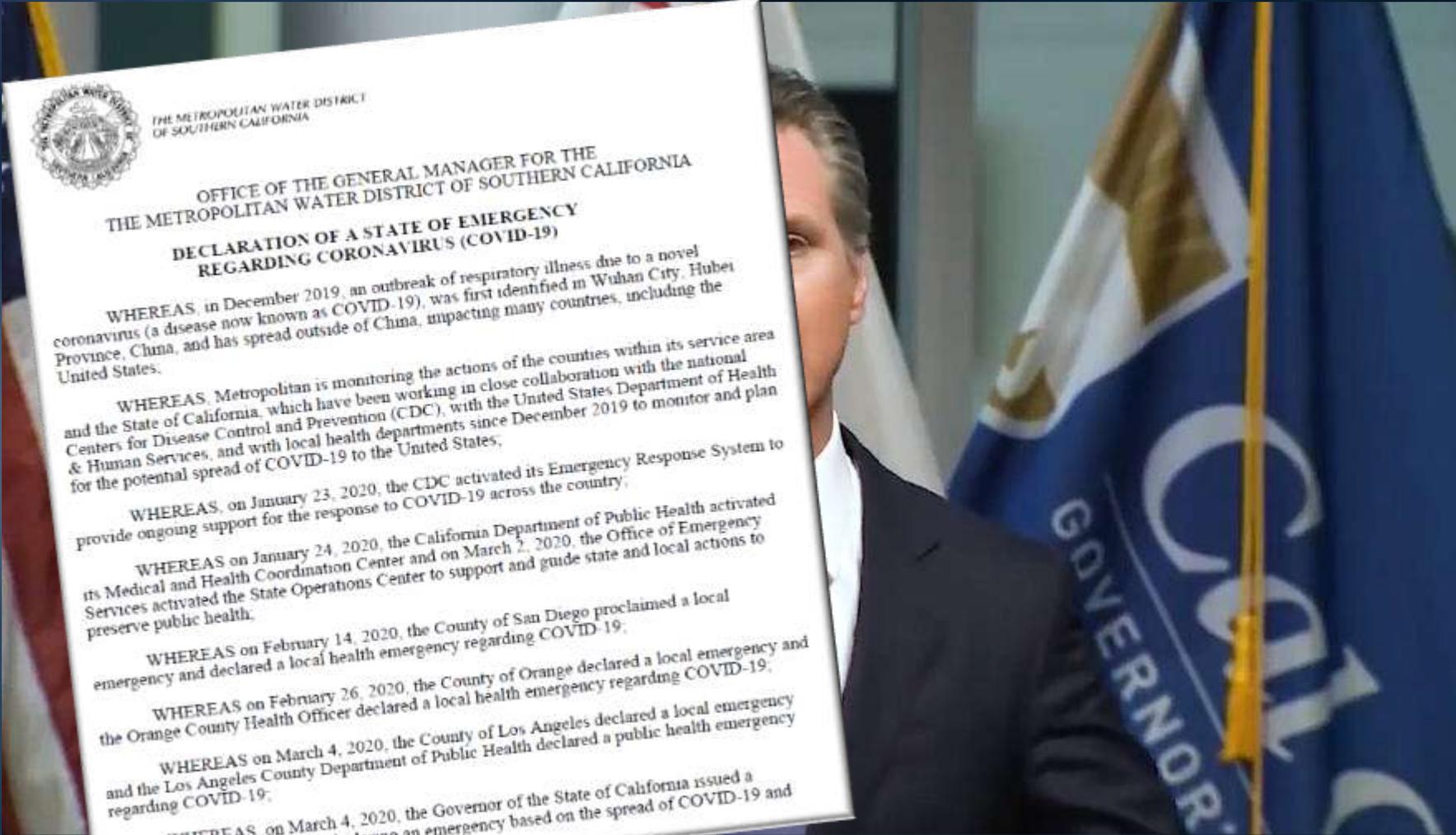


Continuous Improvement



COVID-19 Response

COVID-19 State of Emergency



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

OFFICE OF THE GENERAL MANAGER FOR THE THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA DECLARATION OF A STATE OF EMERGENCY REGARDING CORONAVIRUS (COVID-19)

WHEREAS, in December 2019, an outbreak of respiratory illness due to a novel coronavirus (a disease now known as COVID-19), was first identified in Wuhan City, Hubei Province, China, and has spread outside of China, impacting many countries, including the United States;

WHEREAS, Metropolitan is monitoring the actions of the counties within its service area and the State of California, which have been working in close collaboration with the national Centers for Disease Control and Prevention (CDC), with the United States Department of Health & Human Services, and with local health departments since December 2019 to monitor and plan for the potential spread of COVID-19 to the United States;

WHEREAS, on January 23, 2020, the CDC activated its Emergency Response System to provide ongoing support for the response to COVID-19 across the country;

WHEREAS on January 24, 2020, the California Department of Public Health activated its Medical and Health Coordination Center and on March 2, 2020, the Office of Emergency Services activated the State Operations Center to support and guide state and local actions to preserve public health;

WHEREAS on February 14, 2020, the County of San Diego proclaimed a local emergency and declared a local health emergency regarding COVID-19;

WHEREAS on February 26, 2020, the County of Orange declared a local emergency and the Orange County Health Officer declared a local health emergency regarding COVID-19;

WHEREAS on March 4, 2020, the County of Los Angeles declared a local emergency and the Los Angeles County Department of Public Health declared a public health emergency regarding COVID-19;

WHEREAS, on March 4, 2020, the Governor of the State of California issued a Proclamation of Emergency, declaring an emergency based on the spread of COVID-19 and increasing instances in California;

Governor Issues "Stay-At-Home" Orders

Evolving Regulations and Guidelines from Health Agencies



World Health Organization



COUNTY OF LOS ANGELES
Public Health



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Developing New Safety Talks

WORKPLACE SAFETY TALK
Employee Environmental, Health & Safety Information for Essential Workers
Staying Safe and Healthy at Work During the COVID-19 Pandemic

Before Reporting to Work

- If you have any symptoms of COVID-19, do not report to work.
- Check if you have any symptoms of COVID-19, such as fever, cough, or loss of taste or smell.
- If you have any symptoms, stay home and get tested for COVID-19.
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MWD Safety Talk

Employee Environmental, Health & Safety Information for Cloth Face Covering, Surgical Mask, and Voluntary Respirators

The Center for Disease Control and Prevention (CDC) generally suggests that only health care workers who are in close contact with people with respiratory illness, such as COVID-19, or coronavirus (COVID-19), wear surgical masks, N95 respirator or other respirator, and eye protection as coverings and eye protection.

However, as of 4/3/20, the CDC suggests that public settings where congregate or high-density activities are taking place should consider the following:

If you leave a child, do, or other dependent, you can wear a face covering, such as a face mask, when you are in a public setting. It is considered the best practice to wear a face mask when you are in a public setting.

MWD Safety Talk

Employee Environmental, Health & Safety Information for Reuse of Voluntary N95/P100/KN95 Respirators During COVID-19 Pandemic

On April 8, 2020, Federal OSHA extended use and reuse of respirators during the COVID-19 pandemic. Safety Talk is subject to change. Contact your local OSHA office for more information.

MWD Safety Talk

Employee Environmental, Health & Safety Information for Face Coverings, Surgical Masks, or N95 Respirators

WATER RESISTANT

As a result of the COVID-19 pandemic, employees in certain industries that are required to wear face coverings or N95/P100/KN95 respirators may need to use additional face coverings during their work shift. These face coverings are not intended for reuse.

Effects of Face Coverings and Respirators

- Increased Respirator Fit
- Increased Oxygen Consumption
- Increased Energy Expenditure
- Increased Heat Discomfort

MWD Safety Talk

Employee Environmental, Health & Safety Information for COVID-19 Prevention while Staying at Work

Metropolitan's supply of sanitizer by the ounce supply chain is not first responder. Considering the use of it will, as long as it is used to change as updates are made at the Center for Disease Control and Prevention.

What is a Cloth Face Covering?

A cloth face covering is a material worn over the mouth and nose to prevent the spread of germs. It can be made of a variety of materials and is not intended for reuse.

Employee Environmental, Health & Safety Information for Work-From-Home

The COVID-19 pandemic has led to a significant increase in work-from-home arrangements. This safety talk will provide information on how to stay safe and healthy while working from home.

MWD Safety Talk

Employee Environmental, Health & Safety Information for COVID-19 Prevention during Shutdowns

Shutdowns are critical and necessary to maintain and restore infrastructure and systems. The work involved during shutdowns can be challenging for COVID-19 prevention because it involves a concentrated effort of early individuals working in different areas before working together, and it often is conducted in enclosed spaces where physical distancing may not be feasible.

Shutdown Management - Before Shutdowns

- Review the **Shutdown COVID-19 Prevention Plan** with all employees participating in the shutdown.
- Review employee reports for **Yellow, Red, and Black** respiratory status reports during the shutdown.
- Order adequate **COVID-related supplies**, such as:
 - Hand sanitizers
 - Disposable gloves, gowns, or suits
 - Tissue/cellulose
 - Cloth/surgical masks
 - Voluntary N95/P100/KN95 respirators
 - Face disinfectant/gel/foam with side stream
 - Disposable lab coats/gowns
 - Disposable shoe covers
- Order adequate **potentially infectious (pink) water** with handwashing facility for employee use.
 - Review each potentially infectious (pink) water site and ensure adequate supply of water, soap and paper towels.

Face Mask Type	Cloth Face Covering
Respirator: Use for Critical or High-Risk situations. Approved by NIOSH (PPE) for all respiratory protection. Do not use as a substitute for a respirator. Refer to MWD Safety Talk on PPE for more information.	200-P100 (N95) respirators, standard particulate, metal, organic, and oil-free. Do not use as a substitute for a respirator. Refer to MWD Safety Talk on PPE for more information.
Testing and Approval	Respirators approved by government to use in critical situations. Cloth face coverings are not approved for use in critical situations.
Intended Use and Purpose	Respirators are intended for use in critical situations. Cloth face coverings are intended for use in public settings to help reduce the spread of germs.

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Water-Resistant Face Coverings

Water-resistant face coverings are designed to prevent liquid splashes from reaching the face. They are not intended for reuse.

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Considering Accommodations

Employees who have difficulty wearing face coverings or respirators should contact their supervisor to discuss accommodations.

When to Wear a Cloth Face Covering

As of April 9, 2020, the CDC is recommending that all employees in public settings wear a cloth face covering.

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Using the Respirator

WASH HANDS with soap and water for at least 20 seconds before and after use.

1. Wash hands with soap and water for at least 20 seconds.
2. Use alcohol-based hand sanitizer if soap and water are not available.
3. Cover the mouth and nose with the respirator.
4. Do not touch the front of the respirator.
5. Do not use the respirator if it is damaged or if it does not fit properly.

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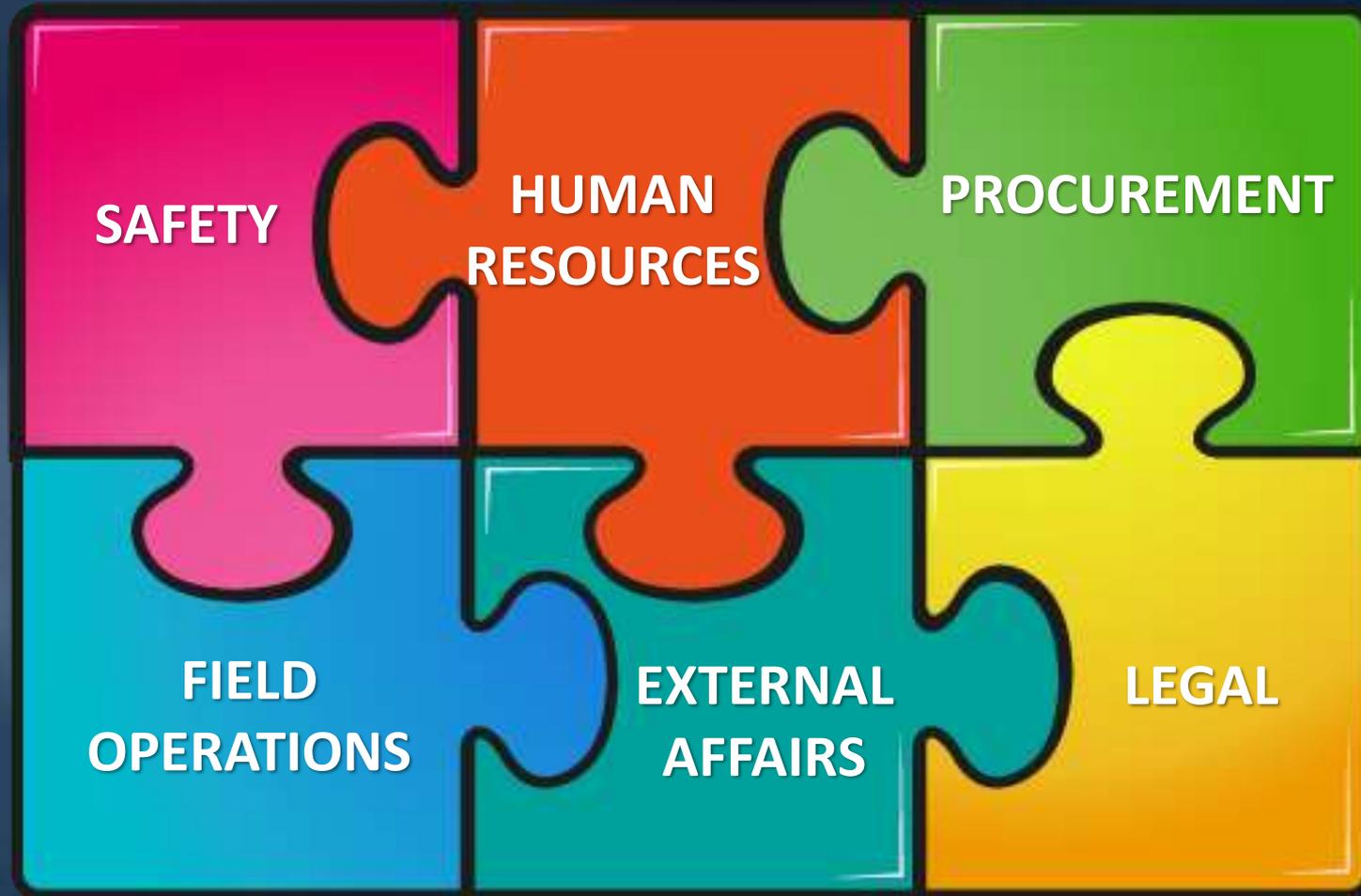
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Partnering Across Organization



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Converting Training to Online

- Pre-Pandemic (January 1, 2020 – March 31, 2020)
- During Pandemic (April 1, 2020 – December 31, 2020)



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Increasing Cleaning and Disinfection at Facilities



Deep Cleaning Vendor Pilot

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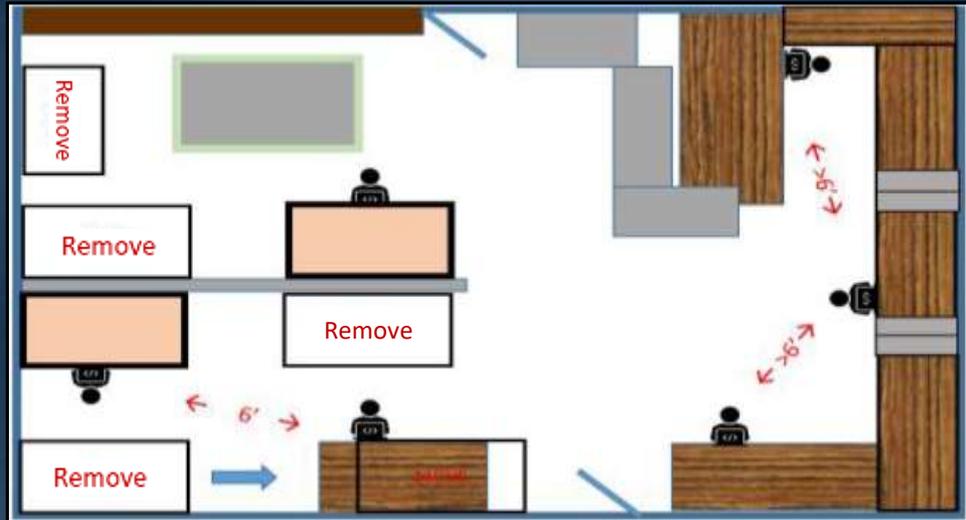
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Increasing Spacing and Barriers



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Conducting Virtual Regulatory Agency Inspections



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Adding Facility Safety Measures



Micro-Team Trailers



Touchless Hygiene



Portable Toilets

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Procuring Approved Safety Products

Surgical Masks



KN95



Disposable Gloves



Hand Sanitizers

Electrostatic Sprayer



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Developing over 25 COVID-19 Facility Signs



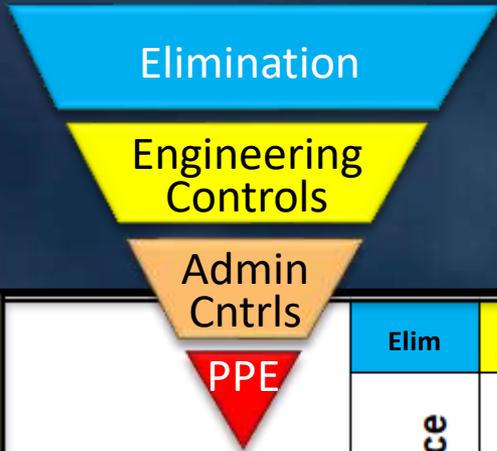
Completing COVID-19 Prevention Plans for Individual Facilities, Shutdowns, and Hospitality Services



Customizing Plans for Facilities



Maintaining Multiple Layers of Protection



Potential Task Hazards	Elim	Eng Cntrls	Admin Controls				Personal Protective Equipment									
							Masks			Gloves	Body	Eye/Face				
			Maintain 6 ft. Physical Distance	Physical Barrier	Clean/Disinfect Surface	Wash Hands	Direction Decals	Cloth Face Covering	Dust Masks	P-100 Mask	N-95 Mask	HSE 115 Appendix B	Disposable Non Coated Coverall	Safety Glasses w/ Sideshields	Non-Vented Safety Goggles	Vented Goggles
Entryways	X		X	X	X	X										
Confined Space	X		X	X		X	X	X	X			X				
Mixing Bleach	X		X	X		X			X	X	X	X	X	X	X	X
Shared Tools/Equip	X		X	X					X							

Establishing Self-Health Check & Employee/Visitor Requirements

EMPLOYEE - FACILITY ACCESS REQUEST

ACKNOWLEDGEMENT AGREEMENT

I agree to submit this request at least 24 hours before my visit to the workplace.

- I understand that employees must wear PPE (e.g., face mask, safety glasses, etc.) in common area or in any location where physical distancing of at least 6 feet may not be practical. I understand that PPE is not a substitute for physical distancing when ill.
- I will follow facility rules and expectations (e.g., PPE, social distancing, protection, hard hat, etc.). Before my visit, I will consult with facility management for specific PPE requirements.



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Launching Virtual Apprentice Training



Virtual Classroom Equipment Training

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Evaluating HVAC Improvements

- Maximized fresh air intake
- Upgraded air filters
- Researched new technology



HVAC Team

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Developing Protocols for Practical Interviews



Staff Evaluating Applicant's Practical Hands-On Exam

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Shutdown COVID-19 Prevention Measures



Temperature Check Station



No-Touch Temp Scan



COVID Prevention Station

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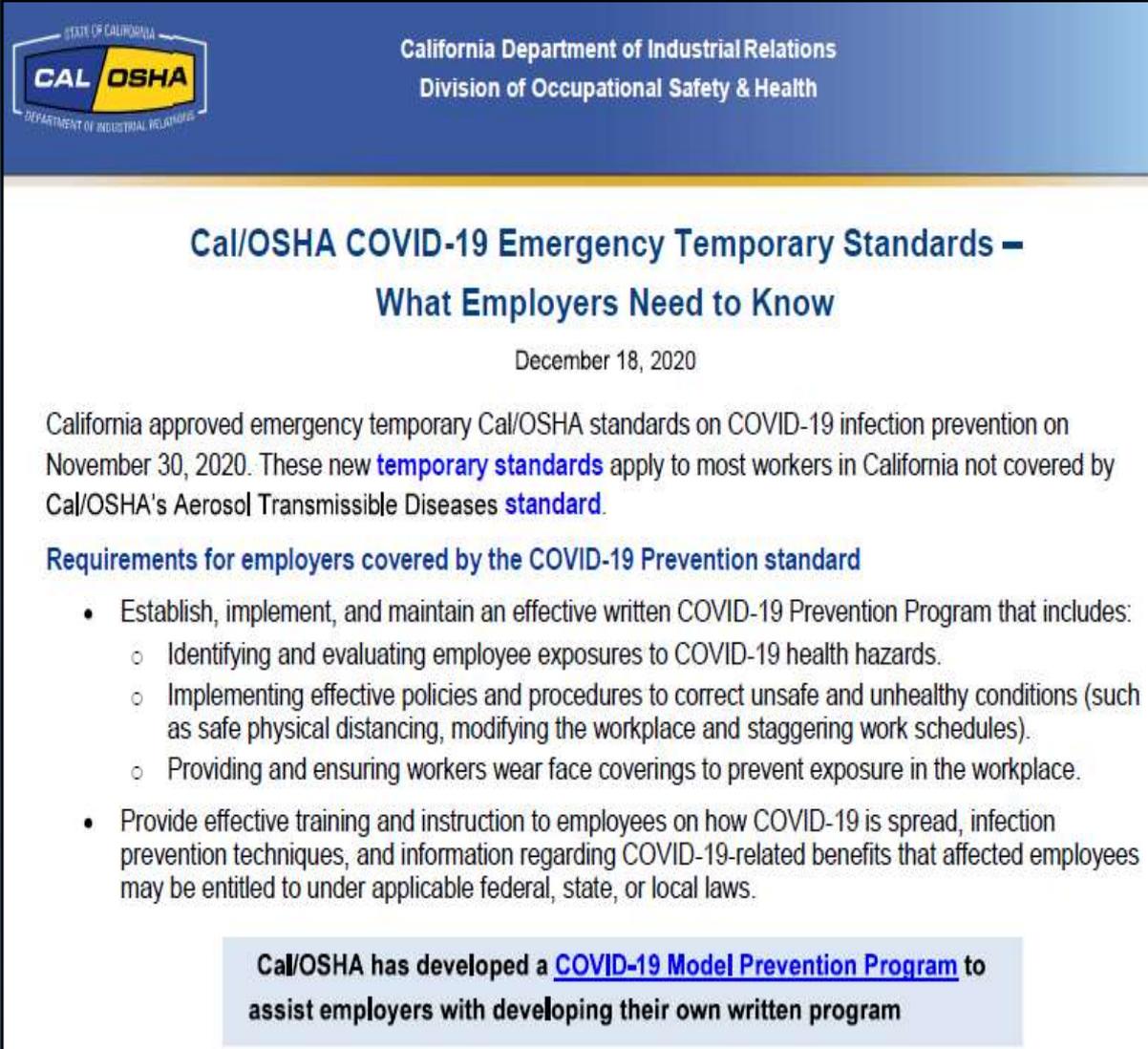
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Responding to Cal/OSHA Emergency Regulations

- Regulatory guidance now regulatory requirements

- Monthly inspection of COVID-19 preventative measures



STATE OF CALIFORNIA
CAL OSHA
DEPARTMENT OF INDUSTRIAL RELATIONS

California Department of Industrial Relations
Division of Occupational Safety & Health

Cal/OSHA COVID-19 Emergency Temporary Standards – What Employers Need to Know

December 18, 2020

California approved emergency temporary Cal/OSHA standards on COVID-19 infection prevention on November 30, 2020. These new **temporary standards** apply to most workers in California not covered by Cal/OSHA's Aerosol Transmissible Diseases **standard**.

Requirements for employers covered by the COVID-19 Prevention standard

- Establish, implement, and maintain an effective written COVID-19 Prevention Program that includes:
 - Identifying and evaluating employee exposures to COVID-19 health hazards.
 - Implementing effective policies and procedures to correct unsafe and unhealthy conditions (such as safe physical distancing, modifying the workplace and staggering work schedules).
 - Providing and ensuring workers wear face coverings to prevent exposure in the workplace.
- Provide effective training and instruction to employees on how COVID-19 is spread, infection prevention techniques, and information regarding COVID-19-related benefits that affected employees may be entitled to under applicable federal, state, or local laws.

Cal/OSHA has developed a [COVID-19 Model Prevention Program](#) to assist employers with developing their own written program

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Key Takeaways from 2020

- Health and Safety Systems Worked
- Successful Collaboration
- Well-Prepared for Future Challenges



