Massachusetts Construction Site Safety Guidelines and COVID-19 Safety Measures

With our Panel of Experts:

Moderator: Jennifer Monkiewicz - FutureComp/USI Insurance Services & ABC Self Insurance Group

Brian Stevens, Ph.D., CSP, OHST - Contractors Risk Management

Drew Patalano - Medford Wellington Service Company, Inc.

Rich Sarnie, CSP, P.E., ARM, CCPSC, CRIS, MLIS - United Alliance Services Corporation

Marc Bianco - United Alliance Services Corporation

Christopher Monteiro - United Alliance Services Corporation



Panel of Experts



Jennifer Monkiewicz
FutureComp/USI Insurance Services &
ABC Self Insurance Group



Brian Stevens, Ph.D., CSP, OHST Contractors Risk Management



Drew PatalanoMedford Wellington Service
Company, Inc.



Marc Bianco
United Alliance Services
Corporation



Rich Sarnie, CSP, P.E., ARM, CCPSC, CRIS, MLIS
United Alliance Services Corporation



Christopher Monteiro
United Alliance Services
Corporation



- Provide health and safety consulting services to 500 clients in and around New England
- 28 Employees located strategically throughout the region
- Provide expert guidance regarding:
 - Programs and policies
 - Training
 - On-site audits
 - OSHA matters
- Provide loss control services for ABC Self-Insured Group



CDC > Coronavirus Disease 2019 (COVID-19) > Schools, Workplaces & Community Locations > Businesses

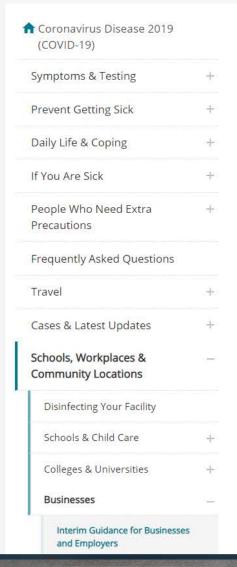












Interim Guidance for Businesses and Employers to Plan and Respond to Coronavirus Disease 2019 (COVID-19)

Plan, Prepare and Respond to Coronavirus Disease 2019

Older adults and people who have severe underlying chronic medical conditions like heart or lung disease or diabetes seem to be at higher risk for developing more serious complications from COVID-19 illness.

Find more information here.

Summary of Changes to the Guidance:

Below are changes as of March 21, 2020

- · Updated cleaning and disinfection guidance
- Updated best practices for conducting social distancing
- Updated strategies and recommendations that can be implemented now to respond to COVID-19

CDC Industry Guidance

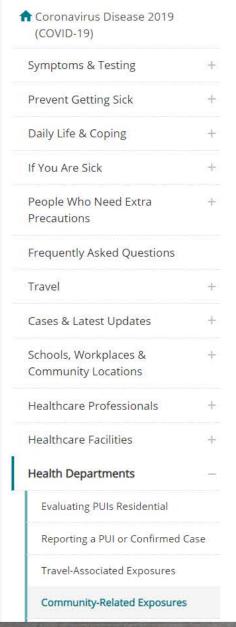
- · Resources for Airlines
- Resources for the Ship Industry

OSHA/HHS Guidance

Purpose

This interim guidance is based on what is currently known <u>about the coronavirus disease 2019 (COVID-19</u>). COVID-19 is a respiratory illness that can spread from person to person. The outbreak first started in China, but the virus continues to spread internationally and in <u>the United States</u>. The Centers for Disease Control and Prevention (CDC) will update this interim guidance as additional information becomes available.





Public Health Recommendations for People in U.S. Communities Exposed to a Person with Known or Suspected COVID-19, other than Health Workers or other Critical Infrastructure Workers

The following updates CDC guidance for definitions and management of contacts of persons with COVID-19 contained in "Public Health Recommendations after Travel from Areas with Potential Risk of Exposure to Coronavirus Disease 2019 (COVID-19)." Separate guidance is available for travelers and health care workers. See also Guidance for essential workers [2].

Public health recommendations have been updated to accommodate new scientific evidence, evolving epidemiology and the need to simplify risk stratification. New recommendations are based on:

- Growing evidence of transmission risk from infected persons without symptoms or before the onset of recognized symptoms;
- · Increased community transmission in many parts of the country;
- · A need to communicate effectively to the general public and to simplify implementation for public health authorities;
- · Limitations in access to COVID-19 testing and increasing number of cases diagnosed clinically
- · Continued focus on reducing transmission through social distancing of individuals in affected areas

Summary of Changes:

- Changed risk strata descriptions levels of risk have been reduced to simplify communications and implementation
- · Changed period of exposure risk from "onset of symptoms" to "48 hours before symptom onset"
- Added the definition of a contact to include exposure to a laboratory confirmed case as well as a clinically compatible
 case in regions with widespread ongoing transmission
- Removed "no risk" category and replaced with unknown risk to acknowledge that all persons in the United States are at some risk of COVID-19 given the increases in community spread throughout the United States.

Current guidance based on community exposure, for asymptomatic persons exposed to persons with known or suspected COVID-19 or possible COVID-19

<u>Travelers</u>, <u>health care workers</u> and critical infrastructure workers should follow guidance that include special





Guidance on Preparing Workplaces for COVID-19



https://www.osha.gov/Publications/OSHA399 0.pdf

Section 5(a)(1), requires employers to provide their employees with a workplace free from recognized hazards likely to cause death or serious physical harm.

OSHA 3990-03 2020

Massachusetts Guidelines

- Mandatory for all public works projects
- "Encourages" cities and towns to implement similar requirements for private projects
- Enforced by local officials
 - Building Inspector
 - Health Department
 - Mayor?
 - Other?



Commonwealth of Massachusetts COVID-19 GUIDELINES AND PROCEDURES FOR ALL CONSTRUCTION SITES AND WORKERS AT ALL PUBLIC WORK

These Guidelines and Procedures MUST be implemented at all times on all construction sites. All construction sites MUST conduct a Safety Stand Down day to disseminate these Guidelines to all employees and workers.

Employee Health Protection - ZERO Tolerance

The following applies to both State employees and contracted staff working on behalf of the State.

- ZERO TOLERANCE FOR SICK WORKERS REPORTING TO WORK. IF YOU ARE SICK, STAY HOME! IF
 YOU FEEL SICK, GO HOME! IF YOU SEE SOMEONE SICK, SEND THEM HOME!
- If you are exhibiting any of the symptoms below, you are to report this to your supervisor (via phone, text or email) right away, and head home from the job site or stay home if already there.

If you notice a co-worker showing signs or complaining about such symptoms, he or she should be directed to their supervisor (via phone, text or email) and asked to leave the project site immediately.

COVID-19 Typical Symptoms:

- o Fever
- o Cough
- o Shortness of Breath
- Sore Throat
- · Prior to starting a shift, each employee will self-certify to their supervisor that they:
 - Have no signs of a fever or a measured temperature above 100.3 degrees or greater, a cough or trouble breathing within the past 24 hours.
 - o Have not had "close contact" with an individual diagnosed with COVID-19. "Close contact" means living in the same household as a person who has tested positive for COVID-19, caring for a person who has tested positive for COVID-19 for about 15 minutes, or coming in direct contact with secretions (e.g., sharing utensils, being coughed on) from a person who has tested positive for COVID-19, while that person was symptomatic.
 - Have not been asked to self-isolate or quarantine by their doctor or a local public health official.
- Workers that are working in a confined space or inside a closed building envelope will have to be temperature screened by a Medical Professional or Trained Individual provided that such screening is out of public view to respect privacy and results are kept private.
- Employees exhibiting symptoms or unable to self-certify should be directed to leave the work site
 and seek medical attention and applicable testing by their health care provider. They are not to
 return to the work site until cleared by a medical professional.

March 2020

Site-Specific COVID-19 Officer

- Does not need to be a full-time equivalent
- Project Superintendent
- Written daily report
- Shall certify that the contractor and all subcontractors are in full compliance



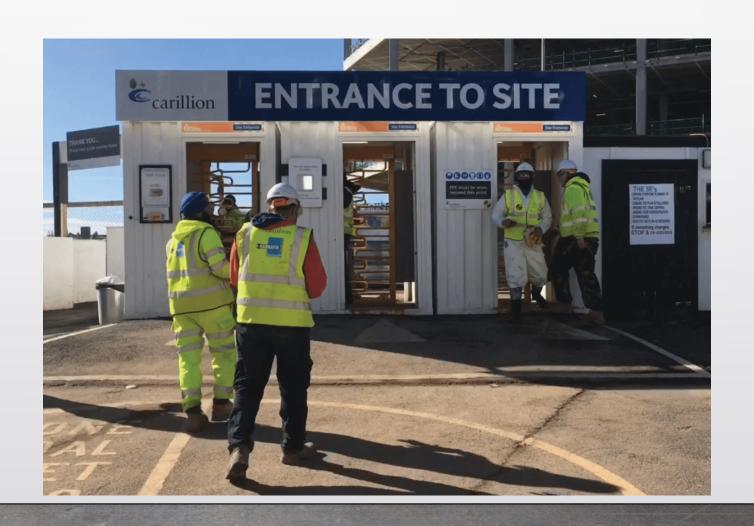
COVID-19 Symptoms

- 2–14 Days after exposure
- Fever ≥100.4° F
- Cough
- Shortness of breath
- Sore throat



Access

- Keep sick employees home
- Procedures to identify and remove sick employees
- Screening for symptomatic individuals
 - Self-certify
 - Temperature



Temperature Screening

- Workers that are working in a:
 - Confined space
 - "Closed building envelope"
- Must be done by:
 - Medical Professional, or
 - Trained Individual
- Fever ≥100.4° F
- Out of public view
- Results private



Who Needs to Self-Isolate? (Updated 3/29)

- Geographic (Travel-Associated) Exposures
- Exposures Identified through Contact Investigation
 - Close contact with a person who is a symptomatic case of COVID-19
 - laboratory-confirmed disease, or
 - clinically compatible illness
 - 48 hours before symptoms onset
 - Living in the same household

Who Needs to Self-Isolate? (Updated 3/29)

Close contact is defined as:

a) being within approximately 6 feet of a COVID-19 case for a prolonged period of time (10-30 minutes); close contact can occur while caring for, living with, visiting, or sharing a healthcare waiting area or room with a COVID-19 case

- or -

b) having direct contact with infectious secretions of a COVID-19 case (e.g., being coughed on)



Communicate Policies to All Personnel

- Safety Stand Down
 - Avoid gatherings
 - Maximum 10
 - Maintain social distancing
- Signage
 - Laminated
 - COVID-19 Safety Guidelines
 - Handwashing Instructions
 - Posted and Shared
 - Cleaning and decontamination procedures



Communicate Policies to All Personnel

- Stay home when sick
- Respiratory etiquette
 - Proper cough and sneeze etiquette
 - Provide tissues and no-touch disposal
- Hand hygiene
 - 100% Gloves (cut-resistant)
 - Clean hands often
 - Hand sanitizer
 - >60% Ethyl alcohol
 - >70% Isopropyl



Handwashing Facilities

1926.51(f)(1) The employer shall provide adequate washing facilities for employees engaged in the application of paints, coating, herbicides, or insecticides, or in other operations where contaminants may be harmful to the employees. Such facilities shall be in near proximity to the worksite and shall be so equipped as to enable employees to remove such substances.



Common Areas

- Meetings
 - Field offices = restricted access
 - Outside
 - Conference calls
 - Webinars
 - Maximum 10 in-person
- Lunch/Break Areas
- Food Trucks



Social Distancing

- Social distancing (6') will be followed to maximum extent feasible
- Within 6'
 - Gloves
 - Eye protection
 - "Standard face mask"
 - NIOSH-approved N95
 - KN95
 - Surgical/procedure mask
 - Homemade mask?



Social Distancing

- No handshaking
- Avoid face-to-face meetings
- Go outside when possible
- Single-occupant vehicles
- Bring food from home



Housekeeping (CDC)

Perform routine environmental cleaning:

- Routinely clean all frequently touched surfaces in the workplace, such as workstations, countertops, and doorknobs. Use the cleaning agents that are usually used in these areas and follow the directions on the label.
- Provide disposable wipes so that commonly used surfaces (for example, doorknobs, keyboards, remote controls, desks) can be wiped down by employees before each use.
- EPA List N: Disinfectants for Use Against SARS-CoV-2 (Updated 3/26)

Housekeeping (MA)

- Cleaning and decontamination procedures must be posted and shared
- All offices, common areas, and meeting areas shall be cleaned <u>daily</u>, preferably twice a day
- No requirement for specialized or professional cleaning services



Housekeeping

What about professional cleaning?

"Based on what is currently known about the virus and about similar coronaviruses that cause SARS and MERS, spread from person-to-person <u>happens most frequently among close</u> <u>contacts</u>."

"Transmission of SARS-CoV-2 to persons from surfaces contaminated with the virus has not been documented."

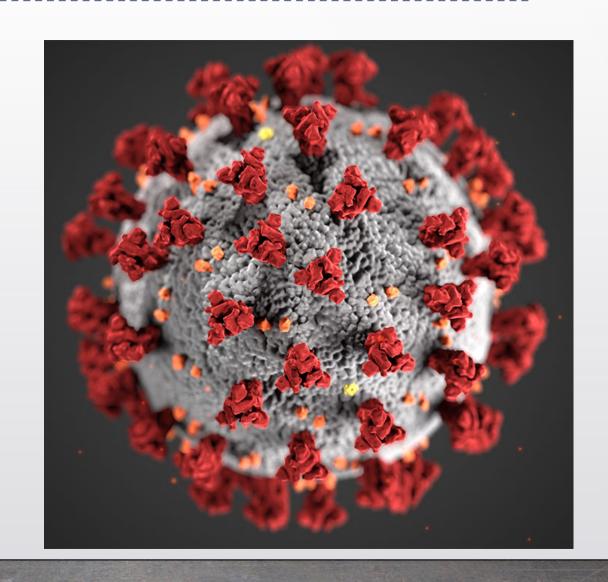
"Transmission of coronavirus in general occurs much more commonly through respiratory droplets than through fomites."

https://www.cdc.gov/coronavirus/2019-ncov/community/organizations/cleaning-disinfection.html

Summary

- Stay home when sick
- Wash hands often
- Isolate when exposed
- Social distancing
- Avoid groups/crowded areas
- Routinely clean commonly-touched surfaces

Document Everything!





bstevens@crmusa.com

603-225-3335





INTRODUCTION

- United Alliance Service Who we are?
- OSHA General Duty Clause
 - The OSHA general duty clause, Section 5(a)(1) of the Occupational Safety and Health Act, requires that each employer furnish to each of its employees a workplace that is free from recognized hazards that are causing or likely to cause death or serious physical harm
- Company Policies







TOPICS

- Introduction to infection control principals
- Commonwealth of MA Requirements for construction worksites
- COVID-19 risks and mitigation
- OSHA Requirements on job sites
- Closing Remarks





INFECTION CONTROL

Introduction to infection control principals

- Infection hazards on construction worksites
- Bloodborne Pathogens
- Common pathogens in construction
- Unique hazards in Construction
- Risk Assessment
- PPE
- COVID-19 risks and mitigation
- Regulation's and Best Practice's





INFECTIUS DISEASE

What is a Pathogen?

- · Pathogen is the basic form of life for disease
- Pathogen is a substance that causes a disease
- Pathogen can be a fungus, bacterium, virus, or parasite
- Some fungi are useful, such as yeast, and penicillin

Most are infectious, can spread rapidly through hosts, cause disease, and be fatal in certain demographics

THE MOST COMMON PATHOGEN'S ARE BACTERIA, FUNGI, AND VIRUSES







BEST DEFENCE

THE BEST DEFENSE AGAINST INFECTIONS......IS GOOD HOUSEKEEPING & CLEANLINESS!

- Germs and bacteria are very common in the world around us
- Proper cleaning and hand washing of clothing are important to protect yourself, friends, coworkers, family, and so on!
- Think and follow through!

Things we can do:

- Clean our job sites
- Wear Proper PPE & Enforce Compliance
- Follow guidelines and procedures
- Conduct Safety Inspections & Audits Immediately Correct
- Watch out for everyone





SAMPLE SAFETY AUDIT



March 26, 2020

Marc Bianco COO / VP of Technical Services United Alliance Services Corporation 3119 Cranberry Hwy Suite 5B East Wareham, MA 02538

Re: TEST COVID-19 Safety Survey

Marc.

This report is in follow-up to the safety survey completed on March 26, 2020. The purpose of the survey was to identify potential safety hazards and/or OSHA violations.

Attached, is a list of safety observations and recommendations based on conditions present at the time of my visit. If you have any questions or require additional information after reading this report, please don't hesitate to contact me.

Sincerely

Chris Monteiro

Sr. Construction Safety Consultant, United Alliance Services Phone: 774-302-4305; E-mail: cmonteiro@uascor.com

CC: Ksanborn@unitedallianceservices.com

Service Time Summary: Start Time Onsite: 1230 End Time Onsite: 1245 Report Prep (Min 1 hr.): .30

DISCLA MER: Observations and recommendations are purely advisory and based on practices and conditions observed and information provided at the time of his survey. Observations and recommendations are not intended to include every loss or accident potential. It's the report recipient's responsibility to make further observations and take whatever action that may be necessary to prevent losses, enhorce safety procedures and eliminate hazardous conditions so as to comply with any federal, state, or local law, rule or regulation concerning safety and health.

Report Summary

Report Name: TEST COVID-19

Completed for: United Alliance Services Corporation

Inspection Date: March 26, 2020
Location: 18 Malcolm Rd
Contact: Monteiro, Consultant

Start Time Onsite 1230 End Time Onsite 1245 Report Time < 1 hr .30

Applied Travel Less than 30 Minutes

Time (RT or Split): Applied Mileage (RT or Split):

Mileage Up to 20 Miles Split):

Score: 70.0% Weather: Stoughton, MA on 03/26/2020 11:50 AM

Clear. Temp: 49° F, Feels Like: 45° F, Humidity: 38.92%

Wind: NNW 10 mph

Scope of Work: COVID SAFETY INSPECTION

Findings:

Recommended Strategies

Positive Finding Sick employees (those with symptoms of acute respiratory illness) are encouraged

and/or required to stay home until free of fever/symptoms for over 24 hours (CDC)

Positive Finding

Sick leave policy notice is given to companies who provide contract employees where

applicable (CDC)

Positive Finding Employees are allowed to stay home with sick/virus-affected family members without

penalty (CDC

Issue Identified Employees who have symptoms of acute respiratory illness, or those who develop symptoms are not promptly sent home (CDC)

symptoms are not promptly sent nome (OD

ndation CDC recommends employees who display symptoms (coughing, shortness of breath

etc.) of acute respiratory illness be sent home immediately. Encourage all employees to take precautions to prevent airborne infectious particles such as covering mouths when coughing, noses when sneezing. [Reference: CDC COVID-19 Guide] <u>View CDC Guide</u>

ssue identified Posters which encourage employees to stay home when sick, instruct on cough/sneeze etiquette and/or hand hygiene are not prominently displayed at

entrances or areas employees will see them (CDC)

Ensure posters which give direction employees are to stay home sick, cover coughs and/or sneezes, and to practice good hand hygiene are displayed at entrances or other areas where employees will see them. [Reference: CDC COVID-19 Guide] View CDC

Guide





SAMPLE SAFETY AUDIT

Photo(s)



No postings available

Issue Identified

Tissues, no-touch disposal receptacles, sanitizer and/or soap are not provided for employee use (CDC)

Recommendation Provide hygiene products such as tissues, disposal containers which don?t require touching, sanitizer solution of at least 65-90% alcohol or soap and water so employees can limit exposure. [Reference: CDC COVID-19 Guide] View CDC Guide

Notes: No soap for hand washing on site

Photo(s)



Touched surfaces in the work environment such as workstations, countertops and/or doorknobs are not routinely cleaned (CDC)

Recommendation Enact a routine environmental cleaning policy which addresses commonly touched surfaces such as workstations, countertops and doorknobs; and provide cleaning wipes for surfaces such as keyboards, remotes and desks. [Reference: CDC COVID-19 Guide]

Photo(s)



Positive Finding

Employees are told to check Traveler's Health Notices prior to, and to notify supervisors of potential symptoms on return from travel (CDC)

Positive Finding

Employees are able to adequately assess their exposure risk whether in contact with a COVID-19 family member or co-worker (CDC)

Employees are allowed to return to work without with a note from their physician for that purpose

Recommendation Ensure company policy for 'Return to Work' is followed, and employees are not allowed to return without a note from their physician.

Outbreak Planning Positive Finding

Employers have built flexibility into their COVID-19 business response plan(s) including

ability allow to work remotely (CDC)

Positive Finding

Employer response plans to COVID-19 include objectives of reducing transmission, high-risk person protection, maintaining business operations and minimizing effects

Not all employees are performing daily wellness self-certifications, to identify

employees who may be at risk of carrying the Covid-19 virus

Perform daily wellness self-certifications, to identify employees who may be at risk of carrying the Covid-19 virus. [Reference: internal policy document]

Positive Finding Positive Finding

Issue Identified

Disease severity (i.e. number of sick people, hospitalization and death rates) in the community where the business is located is included in response planning Impact to employees that are vulnerable and may be at higher risk for COVID-19

Positive Finding

adverse health complications is included in response planning (CDC) Possible increased numbers of employee absences due to their and/or their family

Positive Finding

members illness is included in response planning (CDC) Local managers are empowered to take appropriate actions for their site(s) as outlined in

the response plan (CDC)

Positive Finding

Employers coordinate with State and Local authorities to ensure accurate and timely

information (CDC)

Positive Finding COVID-19 response plan was discussed with key employees/management and/or

exercised to ensure preparedness (CDC) COVID-19 response plan was shared with employees, discussed with human resources

Positive Finding

Positive Finding

etc. as required (CDC) COVID-19 response plan best practices were shared with other entities where applicable

Potential work-related exposures and/or health risks to employees were identified

Positive Finding

Issue Identified Flexible worksites, telecommuting and/or other measures have not been explored

or enacted as appropriate to abide by required social distancing precautions

Ensure flexible working scenarios are explored and/or implemented where required to

Recommendation

practice social distancing. Solutions may include telecommuting, work shift practice changes, alternate work sites or other measures. [Reference: CDC COVID-19 Guide] View CDC Guide

Positive Finding

Essential business functions, jobs, roles etc. are identified and potential effects of COVID-19 outbreak on these are controlled for (CDC)

Positive Finding Response plan activation details (authorities, triggers, required procedures etc.) have been identified (CDC)

Positive Finding COVID-19 outbreak communication process(es) is/are established and include required elements (CDC)

Massachusetts COVID-19 Requirments

Issue Identified





SAMPLE SAFETY AUDIT

Recommendation Massachusetts directives require employees to self-certify that they have not been exposed to, of experiencing symptoms related to the COVID-19 virus

Issue Identified

Recommendation COVID-19 Employee self-certification is now required on a daily basis. For future auditing purposes, these self certifications should be completed and a record kept of the

Positive Finding Positive Finding Yes

Qty Score Summary Severity Summary Negative Findings: N/A (Not Assigned) Advisory (negligible impact) Positive Findings: Total Findings: 30 Low (minor impact) Percent Positive: 70.0% Moderate (marginal impact) Severity Adjustment: Serious/Extreme (deducts 5%) Final Score: Critical/Catastrophic (deducts 10%)

Submitted by: Chris Monteiro Sr. Construction Safety Consultant United Alliance Services 774-302-4305 cmonteiro@uascor.com

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Geo-Tag Information: Longitude: -71.112411 Date: 03/26/2020 Time: 12:50 PMEDT

Site Contact Signature:





COVID-19 MASSACHUSETTS

EFFECTIVE MARCH 25, 2020
Commonwealth issued directives regarding COVID-19

Employee Health Protection – ZERO Tolerance
ZERO TOLERANCE FOR SICK WORKERS REPORTING TO WORK.

COVID-19 Typical Symptoms:

Fever, Cough, Shortness of Breath – Indicators - Sore Throat, Loss of Taste and Smell

Self-certify prior to shift

Pre-shift, all employees will self-certify to their supervisor that they:

- Have no signs of a fever or a measured temperature of 100.4 degrees or greater, a cough or trouble breathing within the past 24 hours.
- Have not had "close contact" with an individual diagnosed with COVID-19.
- Have not been asked to self-isolate or quarantine by their doctor or a local public health official in the last 14-days.





COVID-19 MASSACHUSETTS

REGULATORY

- > A site-specific COVID-19 Officer (who may also be the Health and Safety Officer) shall be designated for every site.
- ➤ The approved project Health and Safety Plan (HASP) shall be modified to require that the Contractor's site-specific project COVID-19 Officer submit a written daily report to the Owner's Representative. The COVID-19 Officer shall certify that the contractor and all subcontractors are in full compliance with these guidelines.

BEST PRACTICES

Contractor's assigned COVID-19 Officer will:

- 1. Take online course on COVID 19.
- 2. Pass Test.
- 3. Coordinate with Licensed Qualified Professional





COVID-19 MASSACHUSETTS

COVID-19 Inspection Performed by a Qualified Specialist (Licensed) EMT/Paramedic/Professional Safety Engineer (P.E.)

- 1. Acknowledgement Statement with a signed COVID-19 Daily Screening Form
- 2. Written site-specific COVID-19 Program as Addendum to existing Health and Safety Plan
- 3. COVID-19 On-Site Audit

<u>If/Then Statement</u>

If employee is found to exhibit symptoms ———— Send home immediately.

- Contractor owner will be debriefed and determine if job site should remain open.
- Employee to self guarantine, COVID-19 Officer to investigate & develop Incident Report.

If employee is found with no symptoms — Maintain work schedule





OSHA Compliance

RECORDKEEPING COMPLIANCE

Signed Acknowledgement Statement with employee temperature recorded. Copies will be confidentially sent electronically to client and maintained with our office for backup.

CONSTRUCTION (1926) COMPLIANCE

Construction safety inspections are the most effective means of identifying hazardous conditions at the worksite. Construction sites require constant monitoring and careful observations to stay ahead of safety issues. We identify potential OSHA violations, liability issues and risk exposures while assisting clients with mitigating hazards before they damage the reputation of the company and injure employees.

GENERAL INDUSTRY (1910) COMPLIANCE

Industrial, Manufacturing, and Facility Safety Audits and Inspections are just one of our tools we provide. A safety audit is a powerful tool and is designed to inspire your team to get involved. We make comprehensive assessments of conditions and detailed reports providing management with the resources they need to make critical decisions.





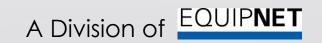
Q&A

- Introduction to infection control principals
- ✓ Commonwealth of MA Requirements for construction worksites
- ✓ COVID-19 risks and mitigation
- ✓ OSHA Requirements on job sites

Thank you!

For More Information Contact Us At:

1-877-399-1698 SafetySolutions@uascor.com



We are in this together

Most importantly, in this time of crisis, keep yourself, your family and your community safe. We are in this together. Please feel free to reach out with any questions that you have.

Jennifer Monkiewicz - FutureComp/USI Insurance Services & ABC Self Insurance Group - Jennifer.Monkiewicz@usi.com

Brian Stevens, Ph.D., CSP, OHST - Contractors Risk Management - bstevens@crmusa.com

Drew Patalano - Medford Wellington Service Company, Inc. - <u>drewp@medfordwellington.com</u>

Marc Bianco - United Alliance Services Corporation - mbianco@unitedallianceservices.com

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Christopher Monteiro - United Alliance Services Corporation - cmonterio@uascor.com





APPENDIX

(Provided by United Alliance Services Corporation)





Marc Bianco, President & CEO



MARC BIANCO

COO / EVP OF TECHNICAL OF SERVICES

CERTIFICATIONS

OSHA 500 /501 Construction and General Industry Outreach Instructor

OSHA 5600 Disaster Site Worker Outreach Instructor

OSHA 5400 Maritime Outreach Instructor

OSHA Region 1 Master Instructor

PEC Safety Master Instructor

OSHA Scaffold Instructor

MSC Hazardous Materials Handling

OSHA 40 hour HAZWOPER Instructor

OSHA Excavation Safety Instructor

OSHA 24-hour On-scene Commander

Track Right-of-Way safety training for Keolis, MBTA, AMTRAK

National Response Corp. Marine E.R. Management Certified

USN/MSC Environmental Program Cert.

Marc brings to bear a wide range of professional experience including serving in the US Navy, managing large scale operations, and occupational health and safety expertise, benefitting all of United Alliance Services' clients. Marc is a leader and manages multiple team members, both in-house and outside consultants, while exceeding client expectations. His background has exposed him to numerous and varied potential workplace hazards and his depth of knowledge of OSHA regulations enables him to provide thoughtful and strategic consulting services as well as dynamic classes to hundreds of private and public clients throughout New England and the Tri-State.

Drawing from his years of experience and exposure to a vast array of job sites, Marc is able to quickly and efficiently deliver the pertinent information and tools necessary for general industry, construction, maritime, oil & gas and disaster workers to remain safe on the job as well as produce real-life situations that are easily relatable.

Whether in the field or in the classroom, his exposure to multiple construction sites, environmental protection programs and utility and manufacturing facilities has cemented his foundation as a health and safety manager leading to a breadth of sought after knowledge.





Richard Sarnie, COO



RICHARD SARNIE

CHIEF OPERATING OFFICER

CERTIFICATIONS

- Board Certified Safety Professional (CSP)
- Licensed Professional Engineer (P.E. - Safety Engineering - MA)
- Associate in Risk Management (ARM)
- Construction Risk and Insurance Specialist (CRIS)
- Management Liability Insurance Specialist (MLIS)
- Licensed Insurance Producer, Property and Casualty (Massachusetts)
- Certified Process Safety Professional (CCPSC)
- Authorized OSHA Outreach Trainer for Construction

Rich is a Safety & Risk Professional with an unusual breadth of experience cutting across all aspects of safety (employee, public, product and chemical process) in manufacturing, distribution, construction and retail. He is known for delivering outstanding top and bottom-line value to global organizations through innovative enterprise wide safety & risk management strategies.

Rich is a creative problem solver with broad understanding of risk & safety management and experience finding and implementing solutions in complex situations. He is a valued partner to all levels of the organization.

As an experienced Safety & Health Professional, he has both large and small company experience. He is an authorized and certified safety trainer/educator and guest lecturer at local universities and trade organizations on Safety/Risk Management & OSHA compliance.

Rich is regarded as an innovator who creates strategies that provide solutions that protect employees, the products, the environment as well as the bottom line. As a chemical engineer, licensed professional engineer and certified safety professional, he has a deep understanding of problem prevention through employee, customer, process and environmental safety. He is also a licensed insurance expert with a successful track record of utilizing insurance tools to oversee complex crises.





CHRIS MONTEIRO



NREMT
Sr. Construction and Safety Consultant
FEMA Emergency Management Institute Manager
NFPA Safety Officer
International Maritime Organization Marine Safety Officer

Chris comes to United Alliance Services with 23 years of public safety experience in both the public and private sector. As a firefighter and EMT, Chris has served in various front-line roles and support positions such as a fire prevention officer, incident safety officer, operations supervisor, and shift commander. Chris also has an extensive background in safety, emergency medical operations, biohazards and infection control, terrorist response, and special operations. He also comes to us with years of maritime experience, serving both shore side and at sea, as a maritime safety officer, instructor, and in emergency response for a large, worldwide, cruise line.

With Chris's background and his years of experience responding to and mitigating emergencies, including the attacks on the World Trade Center on September 11, 2001, he is a true asset and wealth of information at United Alliance.