

# COVID-19 RESOURCES AND LESSONS LEARNED

The information provided in this document is not an endorsement from Virginia Ship Repair Association, it is for informational purposes only.

*THE ITEMS LISTED IN **RED** HAVE BEEN ADDED IN THE PAST 48 HOURS*

## BARRIER USAGE

- "Neck Gaiters"
  - Vendor: Protective Industrial Products (PIP) 800-262-5755 Evaporative Clima-Band
- Bandanas
- Do-It-Yourself (DIY) mask-making (following CDC guidelines)
- Use of work respirators and PPE whenever possible
- **Use of N95 respirator masks, face shields, gloves, gowns, and goggles when relevant**

## GATE SYMPTOM SCREENING

- In-house symptom screening questionnaire at entry
- Ship's Force administered symptom screening questionnaire at vessel entry
- Third-party administered screening questionnaire at entry
- Primary Screening questions and temperature for rapid triage at gate entry
  - [Sample Covid-19 Screening Questionnaire](#)
  - [CUSFF/NAVNORTH Covid-19 Screening Questionnaire](#)
- Use of checkpoints



## TEMPERATURE READINGS

- Initial temperature reading at gate entry (conducted by Nurse or Security personnel)
- Ship's Force administered secondary temperature reading at vessel entry
- Third-party administered screening questionnaire at entry
- Use of Infrared (IR) non-contact thermometers
  - Work best indoors
  - Do not operate well in wind or weather
  - Therefore, facility created shrink-wrapped staging tents at entry checkpoints to make this a weather-protected option
  - Training is required on IR Thermometers, instruments are sensitive
  - PPE, distance, correct settings, correct readings, how to handle and clean all require training
  - Follow manufactures instructions

- Medical grade thermometers should be used
  - Have a narrow sensitivity to 90-109°F
  - Industrial grade IR thermometers are used for shooting a steam pipe or piston head measuring between -60°F and 800°F and does not differentiate 90° from 100°
- Forehead Thermometer

## DISINFECTANT STRATEGIES

- Increase In-house janitorial services by adjusting their process to mitigate COVID-19 spread
- Use Third-party disinfecting fogger/atomizer vendors (especially in COVID-19 positive cases)
  - Concerns of choosing third-party fumigation treatment due to possible moisture and respiratory safety issues
- Keep as many airways open as possible to allow airflow
- Sanitize incoming mail
- Ensure that cleaning/sanitizing agents are used following manufacturer's specifications
- Conduct "All-hands cleaning": schedule a 15-minute all-hands clean your spaces moment
- **Use of Decontamination companies**

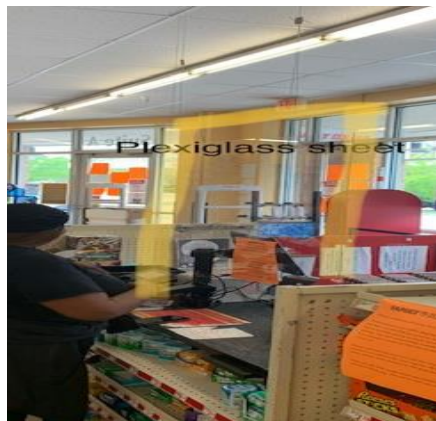
## PERSONAL DISINFECTANT STRATEGIES

- Hand sanitizer available at local distilleries; Ethyl Alcohol
  - Use as spray bottle stations around the yard for all to use
  - Instructions for creating Hand Sanitizer in-house
    - [How to make your own hand sanitizer](#)
    - [WHO-recommended handrub formulations](#)
- Local Distilleries
  - RD Wilhelm Distillery provided Ethyl Alcohol sold as antiseptic
    - [RD Wilhelm Distillery sanitizer](#)
  - Ironclad Distillery Co., Newport News
    - Owen King, [owen@ironcladdistillery.com](mailto:owen@ironcladdistillery.com) 610-823-8362
- Use of both hand sanitizer and pure Isopropyl alcohol spray bottles at common workspaces
- Purchasing hand washing stations
- Building hand washing stations; placing on piers
  - Industrial sinks, water, and proper drainage (not into the water or storm drains)
- Purchase sanitizer spray pens for each employee that can be refilled at designated areas



## SOCIAL DISTANCING PROCEDURES

- Keep six feet distance when not in tight vessel spaces
- Alternating shift hours (especially for high-risk employees)
- Rotate days off
- Remove of food vendor trucks
- Only conduct essential training w/less than ten total AND use WebEx or Conference Calls
- Having employees work from home wherever possible
- Only hold essential meetings using social distancing
- Restrict Employee access to essential workspaces only
- Close lunchrooms
- Increase radio communication to reduce amount of personnel in the same place at the same time
- Place "reminder marks" in the areas where lines tend to form (pass office, entry checkpoints)
- Broadcast Public Announcement (PA) reminders throughout the day; serve as enforcement of the basic rules
- Move necessary gathering places outdoors
- Place Plexiglass guards/screens in front of customer service personnel (pass offices, HR, tool rooms); can still see and speak and reach around the plexiglass to receive tools or items



- Implement engineering control on ships to have one P-way going forward and opposing P-way traveling aft

## RESPONSE TO SYMPTOMATIC EMPLOYEES

- Any employee feeling one (or more) symptom(s) required to stay home for two weeks
- Tracing Strategies
  - Interview employee showing signs to help trace other employees potentially infected, verify date to help combat miscommunication
  - Two-week badge scan of someone suspected or confirmed positive to help trace possibly contaminated workspaces
- Any employee who might have been in contact with confirmed positive employee asked to stay home for two weeks
- If employee does not meet the standards of the initial screening, Secondary Screening may be conducted on a case-by-case assessment

- Denial or return of entry is based on a number of factors
- Use of medical clinic to help in the secondary screening process and determine need for medical quarantine or return to duty
- “Trust but verify”: make decisions based on confirmed accurate information
- Pre-screen Tech Reps, AIT's and Subs coming from out of town
  - Schedule needs to consider possible 14-day quarantine upon arrival
  - Have Tech Reps telework whenever possible
- [CDC Interim Guidance for Implementing Safety Practices for Critical Infrastructure Workers Who May Have Had Exposure to a Person with Suspected or Confirmed COVID-19](#)

## MORALE BOOSTING STRATEGIES

- Reassure employees that they will be financially and medically covered if their screening answers reflect symptoms
- Have Leadership make masks alongside workers to demonstrate the value of wearing masks
  - [Surgeon General Shows How to Make Your Own Face Mask](#)
  - [Use of Cloth Face Coverings to Help Slow the Spread of COVID-19](#)
- Provide a constant information flow
- Encourage a positive, supportive and understanding environment for employees
- Encourage personal creativity in the crafting of masks and signs
- Remember: People buy-in when they are part of the solution: Get each person to do something to fight this "battle", the production employee, the admin staff, and the cleaning personnel each a “story” in what they did to help in this world changing, once-in-a-lifetime event
- Utilize Stress Management techniques, i.e. limit news and media consumption, stay connected, help others, eat healthy