



## Pinnacle COVID-19 (coronavirus) Action Plan - Phase III

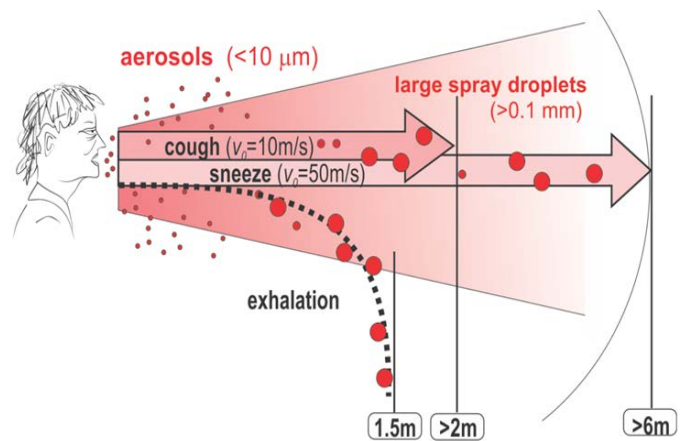
We are three weeks into our COVID-19 Action Plan. Our operations (BC, Alberta & Alabama) have maintained safe, quality production. As we move into an especially critical phase of the pandemic, we need to amplify protection for our teams across operations, administrative support, capital projects, and contractors. So many people depend on our continued safe operations: teammates, family members, the communities we work in, and the customers that depend on our pellets to help generate electricity that powers homes, hospitals, medical ventilators, and critical infrastructure all around the world.

In addition to our current critical precautions, we are now implementing two bold new measures as part of Phase III; these are actions that will provide additional layers of protection for our teams:

**1) MANDATORY FACIAL COVERING.** Based on current guidance by both US and Canadian authorities, Pinnacle is now mandating that all employees and contractors wear a cloth facial cover while on site.

**Note: Cloth facial covers are NOT the same as respirator masks (e.g. N95 or P100) and do NOT substitute for any of our other COVID-19 actions.**

What a facial covering does is help reduce the transmission of droplets that an infected person may spread by breathing, coughing or sneezing. Many people infected by the COVID-19 virus are asymptomatic (they show no signs of illness) or pre-symptomatic (too early to tell). In order to protect against this risk, everyone (you) must assume that they (you) may be the source of infection and wear a facial covering to protect others. The graphic above shows how far the virus can spread without a mask.



**Caution:** We recognize that the use of facial coverings is not a perfect solution. The research supports that a cloth facial covering reduces the number of virus particles breathed in and will reduce the infected person's spread of virus particles; but they are nowhere near 100% effective. Let's not let perfect be the enemy of good. Cloth facial coverings do help. Here are some additional principles to follow:

- Wash your hands before putting the mask on. Wash your hands before adjusting or removing the mask and wash your hands after touching the mask.
- Be careful that you are not constantly touching your mask and face to adjust the mask.
- Remove your mask carefully from the back, starting with the top strap. Don't lay it down on countertops and other frequently touched surfaces. Immediately wash hands with warm water and soap. Treat the mask as if it's a contaminated object until it's been washed with soap and hot water.
- Wash your mask with soap and hot water daily. Have two or more masks to allow turnaround & drying.
- Don't be complacent, thinking that your facial covering is adequate protection. Everything matters.

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## Our face covering mantra should be “I protect you; you protect me!”

- A great video from #Masks4All that makes the case: [https://youtu.be/HhNo\\_IOPotU](https://youtu.be/HhNo_IOPotU)
- Learn how to make a quick no-sew facial cover using a handkerchief: <https://youtu.be/CbRsb0T7Oz8>

**Tip:** Use a piece of string or shoelace instead of rubber band to tie your no-sew covering behind your head.

If you are able to find someone who is able to sew a facial covering mask, **the best information and sewing pattern can be found here.** <https://freesewing.org/blog/face-mask-frenzy> Pinnacle operations will bulk purchase any facial coverings that are sewn to this pattern (or equivalent). Please contact your plant manager and/or Steven Mueller if you have a source for quickly sewing masks in bulk.

**Tip:** Use soft cotton cloth for mask material. Double up the layers as long as it doesn't make breathing difficult. Paper towel can be inserted between layers to add additional protection (replace frequently).

**For those who are sewing-challenged, and have some soft cotton T-shirts to sacrifice, this is a great option;** check out the video demonstration at <https://youtu.be/hVEVve-3QeM>



The last option is to wear a bandana, bandit style. Quick and easy, just be sure that if the tail hangs down too far in the front to pin it up shorter with a safety pin. We wouldn't want to create another hazard with a bandana that hangs down and could get caught.

Use of the cloth facial cover is considered a temporary item of PPE and mandatory under Pinnacle policy.

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**2) MANDATORY TEMPERATURE READINGS.** One of the most common symptoms of COVID-19 is a fever. While it is possible to carry the COVID-19 virus without any symptoms, including fever, we believe that we can also potentially identify someone who may be ill by taking a forehead temperature reading using a dedicated non-contact digital temperature reader or a FLIR camera. Forehead temperature readings are not failproof and the research shows that most devices are only accurate +/- 2C. We are implementing this as another tool to potentially prevent someone from coming onto our operating or construction sites while running a fever that could indicate COVID-19.

The temperature readings will be taken by a manager or supervisor or first aid attendant. If **temperature readings are over 101F or 38C, this finding should be used to have further discussion with the worker to determine if there are any other symptoms** that have been experienced or if the worker has had any potential COVID-19 exposures. Remember that although normal temperatures can range from 97F/36C to 99F/37C, other factors can influence temperature like amount of physical activity, time of day (warmer later in day), and your gender.

No temperatures will be recorded, and individual readings will be discussed with any other workers aside from the worker that has been tested. If there are other symptoms or exposure factors present, then Pinnacle can require that the worker not come onto the site and send the worker to self-isolate at home according to provincial and state requirements. A high reading alone is not enough to send a worker home without additional confirming evidence.

**Protection for temperature checker:** the person taking the temperature readings should be wearing N95 or greater respiratory protection as they will be within 6ft of the person they are checking. They should not contact the worker's forehead while taking the reading. If contact is made, the device must be sanitized with disinfectant wipe or alcohol solution prior to the next check.

Some people will have concerns about letting their temperature be taken. Our guidance is that this is a permissible measure given the scope and risk of the pandemic. No temperatures will be recorded and if a worker is sent home, it will be for additional information that indicates an increased risk. We must protect all workers at our sites using all measures available to us.

It will take time to work out the system; please direct any questions, concerns or suggestions to Pinnacle's Director of Health and Safety, Steven Mueller, at 778.349.6658. We will make this work.

### Purchasing Guide

- **Non-contact forehead** thermometer – we need to take the reading without touching the worker.
- **FDA, CSA, and/or CE approved** thermometer – less expensive models will be more inaccurate; expect to pay at least \$100 or more for a reliable approved thermometer. Purchase from a reputable vendor.
- **FLIR camera** that has been calibrated to the temperature of boiling water (100C)
- Due to demand, it may be difficult to find retail outlets for non-contact forehead thermometer. Most operations should already have FLIR cameras. If you do not have access to any temperature reading device, let us know and we will attempt to source through our purchasing department.

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**STAY THE COURSE.** Continue to diligently practice and implement all the precautionary measures identified as mandatory for Pinnacle operations in Phase 1 and 2 to this point. These actions are the most important precautions you can continue implementing to stay healthy.

- **Shelter at home.** Unless you have to go to work or to buy essential items to live, staying at home is the single best way to ensure that you and your family will not be infected with COVID-19. If you feel unwell, stay at home. Call your supervisor to report your symptoms, but do not come to work.
- **Wash your hands.** This is still one of the most important disciplines you have to protect yourself and your teammates. Washing hands with soap and warm water for 20 seconds throughout the day is one of the most important measures we can take. Hand sanitizer can be used as an alternative if available. Along with washing your hands often, remember to avoid touching your face at all times.

**Tip:** have the control room operator set a schedule and every couple of hours radio to all employees to take a break and wash their hands.

- **Keep your distance.** 6 ft. of separation at all times between workers is a minimum distance to reduce the spread of infectious droplets or mist from workers who are COVID-19 positive but may be pre-symptomatic or asymptomatic (no symptoms). This applies in all situations, including transport to work. Unless workers are from the same household, there should be no carpooling. If the task requires that workers come within 6ft. of each other, they should both wear respiratory protection such as the N95 or P100 masks (or equivalent).
- **Clean aggressively.** Disinfect all common areas and surfaces at your workplace at least 2x per shift. High risk areas such as lunchrooms, washrooms, scale shacks, etc. require more frequent cleaning. Use a 10:1 bleach solution to ensure disinfecting effectiveness. Other disinfecting agents can be used if approved for killing viruses, including cleaning wipes. If a surface is visibly dirty, wash with soap and warm water before applying disinfectant solution. Pinnacle is sourcing additional resources to support operations which will be shipped as soon as available (mid to late April).

**Managers and leaders at our sites should be aware that complacency and the erosion of standards are huge risk factors for our teams over the next few weeks. Don't assume; check! Constantly monitor your teams and contractors for all COVID-19 precautionary measures.**

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## Important COVID-19 Information Sources:

- **Online Self-Assessment Tools:** Here are two approved online resources to answer some questions and, based on your responses, determine your next steps. Anyone who has any cold or flu-like symptoms should be encouraged to do one of these online assessments, regardless of your location, before you go to a medical provider or call the very busy information lines. Share these links with friends and family:
  - <https://myhealth.alberta.ca/Journey/COVID-19/Pages/COVID-Self-Assessment.aspx>
  - [https://akirahealth.ca/covid19\\_assessment](https://akirahealth.ca/covid19_assessment)
- **Alabama:** ADPH has opened a call center for those who have questions about testing and how to connect to providers. The number to call is 1-888-264-2256.
- **Alberta & BC:** The call-in number to talk to a health care provider is 8-1-1. Due to high demand, the call wait times can be significant, so be patient. Don't call the hotline unless you are in a high-risk category for contracting COVID-19.

If you learn that you are at risk due to illness symptoms or your travel/contact history, please advise your supervisor/manager immediately and do not go to work.

### Have the Courage 2 Care:

We care about you, at work and at home. You can make a difference; for yourself, your teammates and your families.

If you feel symptoms of illness including fever, shortness of breath and aches & pains; do not come to work. Inform your supervisor, stay at home, do the online assessment and, if you need further testing, call your medical provider or dial 8-1-1 (AB & BC) or 1-888-264-2256 (Alabama).

Pinnacle's senior leadership team will continue to provide regular updates until the COVID-19 pandemic risk is past. In order to keep COVID-19 messages and updates clear and consistent, all Pinnacle-wide Phase III information will come from Steven Mueller, Director of Health and Safety.

For reliable, up-to-date information on COVID-19 (coronavirus), consult these sources.

- Canada: [www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection.html](http://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection.html)
- US CDC Risk Assessment: [www.cdc.gov/coronavirus/2019-ncov/php/risk-assessment.html#foot01](http://www.cdc.gov/coronavirus/2019-ncov/php/risk-assessment.html#foot01)
- BC CDC information: [www.bccdc.ca/health-info/diseases-conditions/coronavirus-\(novel\)](http://www.bccdc.ca/health-info/diseases-conditions/coronavirus-(novel))

Canada



US CDC



BC CDC



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