

Dear Provider,

In order to address the current shortage of N95 filtering facepiece respirators (FFRs), the State of Arizona will soon have access to the [Battelle Critical Care Decontamination System™](#) (Battelle CCDS™). The Battelle CCDS is designed to decontaminate N95 respirators for the novel coronavirus (SARS-CoV-2) and can decontaminate tens of thousands of N95 respirators per day. The Battelle CCDS uses low concentration, vapor-phase hydrogen peroxide to decontaminate N95s of pathogens, including SARS-CoV-2, allowing safe reuse of the same N95 up to 10 times without degraded performance.

The Battelle CCDS will be available for use by healthcare providers across Arizona **free of cost** beginning in early May. **If your facility is interested in participating in this opportunity to utilize the Battelle CCDS to decontaminate N95s, we are requesting that you begin to prepare for this by taking the following steps:**

1. **Stop disposing of N95 masks** that are free of damage (not torn or ripped) and free of visible soiling (blood, bodily fluids, or makeup).
2. **Register your facility** at [battelle.org/decon](http://battelle.org/decon) to receive a unique 3-digit facility code.
3. **Label each N95 mask** with the Battelle-provided 3-digit facility code.
4. Collect worn **unsoiled** N95s in a plastic bag. N95s should be double bagged and boxed in preparation for shipment to the Battelle CCDS site. **Please review the documents in the “Additional Resources” section for more details and instructions regarding this process.**
5. If you are a hospital system, you will be contacted by Cardinal Health for transportation of your N95 masks to and from the Battelle site. Otherwise, you will receive FedEx labels to ship your N95s to the Battelle site free of cost.

Upon arrival at the site of the Battelle CCDS, Battelle will log your facility’s N95s into an inventory database using barcodes. Each N95 is then assessed to ensure it is free of visible soiling (soiled masks will be rejected for disposal). Unsoiled N95s are then staged for decontamination and loaded into the decontamination chamber, where they undergo a decontamination cycle. Treated N95s are sampled to ensure complete decontamination. Finally, clean N95s are packaged and returned to the original facility via commercial carrier.

Additional Resources:

- [Instructions for Healthcare Personnel: Preparation of Compatible N95 Respirators for Decontamination by the Battelle Memorial Institute Using the Battelle Decontamination System](#)
- [Instructions for Healthcare Facilities: Preparation and Collection of Compatible N95 Respirators for Decontamination by the Battelle Memorial Institute Using the Battelle Decontamination System](#)
- [FDA’s Emergency Use Authorization Permitting Emergency Use of the Battelle CCDS](#)

If you have any questions, please contact the Arizona Department of Health Services Health Emergency Operations Center (HEOC) at [heoc@azdhs.gov](mailto:heoc@azdhs.gov).

Wishing you good health,

# Battelle CCDS™ Process

## HEALTH CARE PROVIDER SIGN-UP PROCESS Battelle CCDS Critical Care Decontamination System™

**BATTELLE**

