

State of Kansas COVID-19 Response

Kansas N95 Respirator Decontamination Program

Operations Plan

The following information should be used by any agency who plans to take advantage of the Kansas N95 Respirator Decontamination Program (Battelle system). If you have questions about the N95 Respirator Decontamination Program, please see the Frequently Asked Questions at the end of this document or contact your local county emergency manager.

Initial Steps

The following steps must be followed during the initial account set-up phase.

In the state of Kansas, we are asking you to wait to start the application process based on the schedule below.

Agency/Organization Type	Application Start Date
Hospitals	On or after April 28, 2020
Long Term Care Facilities	On or after April 29, 2020
First Responders, Local Public Health and state of Kansas Agencies	On or after May 1, 2020
All other N95 users with personal care interactions	On or after May 4, 2020

Step 1 – Apply

Responsible party for this step: Local/State Organization or Facility

- Apply for your organization/facility by going to:
<https://www.battelle.org/inquiry/offerings-and-services/covid-response>
- Fill out all of the required fields.
- In the message section include the following - *I would like to sign up to use the State of Kansas Battelle System.*

Step 2 – Receive Registration Email

Responsible party for this step: Battelle

- Within one hour, you should receive an email from Battelle with further registration instructions and documentation.
- If you don't receive an email within a few hours, please check your spam/junk mail.

Step 3 – Complete and Submit Registration Documentation

Responsible party for this step: Local/State Organization or Facility

- a) Review the email received and complete the steps and documents listed in the email.
- b) Kansas specific information for the documents included on the email:
 - i) **Service Agreement** – One Service Agreement can be submitted by a parent company, county, city, or other oversight agency for multiple facilities or sites under its jurisdiction.
 - ii) **On the Site Locations and POC Information** – In this document, please list each site with a different physical address as its own site AND/OR list multiple agencies housed at one address as individual sites. This document is how Battelle Site Codes are assigned.
- c) Submit the documents via the instructions in the email you received directly from Battelle.

Step 4 – Receive Site Code

Responsible party for this step: Battelle

- a) Based on the *Site Locations and POC Information* document, your Point of Contact will receive a Site Code.
- b) This Site Code should be widely shared within your organization to everybody who wears an N95 respirator.

Optional Step - Create Site Locations ID

Responsible party for this step: Local/State Organization or Facility

- This step is optional and is up to each site to determine. If you would like for the mask to be packaged for a specific floor/department/unit/station/etc., within each site, you should develop a Site Locations ID for each of these different places. *If your organization is small enough or you are not worried about getting the respirators back to a specific location within your agency, there is no need to use this.*
- The Site Locations ID can be two alphanumeric characters.

Step 5 – Start marking EACH respirator with appropriate markings

Responsible party for this step: Local/State Organization or Facility

Individuals should label their own compatible N95 respirator with a permanent marker as indicated below:

- a) Site Code - Each mask **must** be marked with the three-digit site code provided by Battelle.
- b) Site Location ID - *If you are using a Site Location ID it should be marked on each mask. See figure 1.*
- c) Employee Identification – If you would like to identify an individual employee's respirator(s), you can do so by using his/her name, initials, employee number or other identifying markings. This should be done away from the Site Code and Location ID.

Step 6 – Prep Your Agency to Start using the Program

Responsible party for this step: Local/State Organization or Facility

- a) See the original email provided by Battelle to ensure you have all of the information needed to start using the program. Below are a few helpful documents:
- [Instructions for Healthcare Personnel \[pdf\]](#).
 - [Instructions for Healthcare Facilities \[pdf\]](#).

Step 7 – Respirator Transportation

Responsible party for this step: Kansas Division of Emergency Management/State Emergency Operations Center

- a) A transportation plan for the respirators is currently being planned by KDEM in conjunction with Battelle. More information should be available at the end of the week of April 27, 2020.

Site Code (Assigned by Battelle Point Of Contact)	Site Location ID (Assigned by Healthcare Facility)
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Figure 1

Guide for Identifying FDA EUA Authorized N95 Respirators for Battelle CCDS™ Processing – April 24, 2020

Battelle, using the Battelle CCDS Critical Care Decontamination System™, has been authorized under the [FDA EUA](#)¹ to decontaminate N95 or N95 equivalent filtering facepiece respirators (FFR or respirators) that do not contain cellulose. Respirators that contain cellulose-based materials are excluded from the Battelle CCDS™ EUA and cannot be processed using Battelle CCDS™.

Battelle is providing the following information to assist hospitals with identifying N95 or N95 equivalent respirators containing cellulose from being collected and transported for decontamination. It is the responsibility of the organization to ensure only non-cellulose N95 and N95 equivalent respirators are transported to Battelle for decontamination.

NIOSH Respirators: A list of NIOSH-approved N95 Particulate FFRs can be found at this [CDC website](#)². Only non-cellulose containing, approved models should be submitted to the Battelle CCDS™ program for decontamination.

Non-NIOSH Respirators: Respirators must be certified by NIOSH or be listed in the FDA [EUA issued March 28, 2020](#)³ approving the use of certain imported non-NIOSH disposable FFRs. [Exhibit 1](#)⁴ of the EUA provides a detailed list of the makes and models that are approved. Only non-cellulose containing, approved models should be submitted to the Battelle CCDS™ program for decontamination.

Expired N95 Respirators: The FDA has also approved the use of certain makes and model of N95s that FFRs that were NIOSH-approved but have since passed the manufacturers' recommended shelf-life, are not damaged, and have been held in accordance with manufacturers' storage conditions in strategic stockpiles. The criteria under which these FFRs can be used can be [found in the EUA](#)⁵. You should review this information to ensure what types of FFRs are authorized. Expired, EUA authorized, non-cellulose containing N95s are able to be decontaminated with the Battelle CCDS™.

If you have a question about your specific respirator model, including if it contains cellulose or not, please contact the manufacturer directly.

- **3M** - please call 3M Personal Safety Division Technical Service at 1-800-243-4630
- **Kimberly-Clark Professional** - please contact our Customer Service Team at (888) 346-GOKC (4652) or your local Kimberly-Clark Sales Representative.
- **Moldex** – please contact at 1-800-421-0668 Ext 512
- **Gerson** – please contact at 508-947-4000
- **Halyard** – please contact at 844-425-9273
- **Honeywell** – please contact at 877-841-2840

Below are tables containing common N95 respirator manufacturers and product models. Included is information if the model is known to contain cellulose and if it is able to be processed using the Battelle CCDS™ process. *This list is not exhaustive.* If you have questions about a different respirator type, please call the manufacturer directly to understand if the respirator contains cellulose.

Select 3M N95 models, cellulose inclusion, and processability using Battelle CCDS™

Manufacturer	Model	Known to contain cellulose ⁶	Battelle CCDS™ processable (Yes / No)
3M	Health Care Particulate Respirator and Surgical Mask 1860 and 1860S , N95	NO	YES
3M	Aura™ Health Care Particulate Respirator and Surgical Mask 1870+ , N95	NO	YES
3M	Particulate Respirator 8110S , N95	NO	YES
3M	Particulate Respirator 8210 , N95	NO	YES
3M	Particulate Respirator 8210Plus , N95	NO	YES
3M	Particulate Respirator 8210V , N95	NO	YES
3M	Particulate Respirator 8211 , N95	NO	YES
3M	Particulate Respirator 8511 , N95	NO	YES
3M	Particulate Welding Respirator, N95, 8515/07189(AAD)	NO	YES
3M	Particulate Respirator 8516 , N95, with Nuisance Level Acid Gas Relief	NO	YES
3M	Aura™ Particulate Respirator N95, 9210+/37192	NO	YES
3M	Aura™ Particulate Respirator, N95, 9211+/37193 (AAD)	NO	YES
3M	VFlex™ Healthcare Particulate Respirator and Surgical Mask 1804 and 1804S , N95	YES	NO
3M	VFlex™ Health Care Particulate Respirator and Surgical Mask 1805 and 1805S , N95	YES	NO
3M	Particulate Respirator, N95, 8200/07023(AAD)	YES	NO
3M	Particulate Welding Respirator 8212 with Face seal, N95	YES	NO
3M	Particulate Respirator 8214 with Faceseal and Nuisance Level Organic Vapor Relief, N95	YES	NO
3M	Particulate Welding Respirator 8512 , N95	YES	NO
3M	Particulate Respirator 8514 , with Nuisance Level Organic Vapor Relief, N95	YES	NO
3M	Particulate Respirator 9010 , N95	YES	NO
3M	VFlex™ Particulate Respirator 9105 and 9105S , N95	YES	NO

Select Kimberly-Clark N95 models, cellulose inclusion, and processability using Battelle CCDS™

Manufacturer	Model	Known to contain cellulose ⁷	Battelle CCDS™ Processable (Yes / No)
Kimberly-Clark	N95, 46727	NO	YES
Kimberly-Clark	N95, 46767	NO	YES
Kimberly-Clark	N95, 46867	NO	YES
Kimberly-Clark	N95, 62126	NO	YES
Kimberly-Clark	N95, 62355	NO	YES

Select Moldex N95 models, cellulose inclusion, and processability using Battelle CCDS™

Manufacturer	Model	Known to contain cellulose ⁸	Battelle CCDS™ Processable (Yes / No)
Moldex	N95, 1512	NO	YES
Moldex	N95, 2200	NO	YES

Select Honeywell N95 models, cellulose inclusion, and processability using Battelle CCDS™

Manufacturer	Model	Known to contain cellulose ⁸	Battelle CCDS™ Processable (Yes / No)
Honeywell	N95, N1105	NO	YES
Honeywell	N95, N1125	NO	YES
Honeywell	N95, NBW95	NO	YES

Select ProTech N95 models, cellulose inclusion, and processability using Battelle CCDS™

Manufacturer	Model	Known to contain cellulose ⁸	Battelle CCDS™ Processable (Yes / No)
ProTech	N95, NON27501	YES	NO

References

- ¹ FDA Emergency Use Authorization for Battelle CCDS Critical Care Decontamination System™ Dated March 29, 2020 https://battelle-cms.ae-admin.com/docs/default-source/commercial-offerings/industry-solutions/battelle-eua.pdf?sfvrsn=646b94e_2
- ² CDC list of NIOSH-Approved Particulate Filtering Facepiece Respirators https://www.cdc.gov/niosh/npptl/topics/respirators/disp_part/N95list1.html
- ³ FDA Emergency Use Authority (EUA) for Non-NIOSH-Approved Disposable Filtering Facepiece Respirators; Dated March 28, 2020 <https://www.fda.gov/media/136403/download>
- ⁴ FDA EUA Non-NIOSH-Approved Disposable Filtering Facepiece Respirators; Exhibit 1: Authorized Respirators Updated: April 14, 2020 <https://www.fda.gov/media/136731/download>
- ⁵ FDA Emergency Use Authority (EUA) for Approved Expired Respirators <https://www.fda.gov/media/135763/download>
- ⁶ 3M letter to Battelle dated March 31, 2020 Re: Response to Request for information on Products (attached to this document)
- ⁷ Kimberly-Clark letter to Battelle dated April 9, 2020 Re: Mask Composition (attached to this document)
- ⁸ Assumed to not contain cellulose based on N95 Respirator characterization at Battelle. Materials of construction did not appear to contain cellulose during materials analysis of limited quantity respirator samples.



31 March 2020

Re: Response to Request for Information on Products

Dear Valued 3M Customer,

3M™ VFlex™ Healthcare Particulate Respirator and Surgical Mask 1804, N95
3M™ VFlex™ Healthcare Particulate Respirator and Surgical Mask 1804S, N95, Small
3M™ VFlex™ Health Care Particulate Respirator and Surgical Mask 1805, N95
3M™ VFlex™ Health Care Particulate Respirator and Surgical Mask 1805S, N95, Small
3M™ Particulate Respirator 8200/07023(AAD), N95
3M™ Particulate Welding Respirator 8212, N95 with Face Seal
3M™ Particulate Respirator 8214, N95, with Face Seal and Nuisance Level Organic Vapor Relief
3M™ Particulate Respirator 8233, N100
3M™ Particulate Respirator 8293, P100
3M™ Particulate Welding Respirator 8512, N95
3M™ Particulate Respirator 8514, N95, with Nuisance Level Organic Vapor Relief
3M™ Particulate Respirator 9010, N95
3M™ VFlex™ Particulate Respirator 9105, N95
3M™ VFlex™ Particulate Respirator 9105S, N95

On behalf of 3M Personal Safety Division, the following information applies to the products listed immediately above. The products listed immediately above *do contain cellulose*.

3M™ Health Care Particulate Respirator and Surgical Mask 1860, N95
3M™ Health Care Particulate Respirator and Surgical Mask 1860S, N95
3M™ Aura™ Health Care Particulate Respirator and Surgical Mask 1870+, N95
3M™ Particulate Respirator 8110S, N95
3M™ Particulate Respirator 8210, N95
3M™ Particulate Respirator 8210Plus, N95
3M™ Particulate Respirator 8210V, N95
3M™ Particulate Respirator 8211, N95
3M™ Particulate Respirator 8240, R95
3M™ Particulate Respirator 8246, R95, with Nuisance Level Acid Gas Relief
3M™ Particulate Respirator 8247, R95, with Nuisance Level Organic Vapor Relief
3M™ Particulate Respirator 8271, P95
3M™ Particulate Respirator 8511, N95
3M™ Particulate Welding Respirator 8515/07189(AAD), N95
3M™ Particulate Respirator 8516, N95, with Nuisance Level Acid Gas Relief
3M™ Particulate Respirator 8576, P95, with Nuisance Level Acid Gas Relief
3M™ Particulate Respirator 8577, P95, with Nuisance Level Organic Vapor Relief
3M™ Aura™ Particulate Respirator 9210+/37192, N95
3M™ Aura™ Particulate Respirator 9211+/37193(AAD), N95

On behalf of 3M Personal Safety Division, the following information applies to the products listed immediately above. The products listed immediately above have not been formulated to contain, and *do not knowingly contain cellulose*.

The information provided in this letter related to material content represents 3M Personal Safety Division's knowledge and belief as of the date it is provided, which may be based in whole or in part on information provided by suppliers to 3M.

In the event a 3M PSD product is proven not to conform with 3M's applicable product specifications or the information above, then, to the extent permitted by law, 3M's entire liability and customer's exclusive remedy, will be at 3M's option either: (i) repair or replacement of the non-conforming product with a conforming product; or (ii) refund of the purchase price paid by customer for each non-conforming product, within a reasonable time after written notification of said non-conformance and return of the affected product to 3M. 3M shall not under any circumstances be liable for direct, indirect, incidental, special, or consequential damages (including but not limited to loss of profits, revenue, or business) related to or arising out of this letter or the referenced product(s), including the use, misuse, or inability to use such product(s). Unless stated otherwise in a writing signed by 3M, the foregoing language cannot be waived, modified, or supplemented in any manner whatsoever.

I trust the above information is responsive to your request.

If you have any questions about the features or performance of this 3M product, please call 3M Personal Safety Division Technical Service at 1-800-243-4630. If you have questions related to health or safety, please contact me at 651-737-5646.

Regards,



Stuart Sexton | Product Steward
3M Personal Safety Div. - Regulatory Affairs
3M Center, 235-02-E-91 | Saint Paul, MN 55144 United States
Office: 651 737 5646
ssexton@mmm.com | www.3M.com



1400 Holcomb Bridge Road
Roswell, GA 30076

April 9, 2020

Re: Mask Composition

Kimberly-Clark N95 Respirators

Codes: 46727, 46767, 46827, 46867, 62126, 62355

Dear Valued Customer,

Thank you for your inquiry concerning Kimberly-Clark N95 Respirators. Please be advised that based on our knowledge of the raw materials, the product and packaging specifications, and the manufacturing processes, Kimberly-Clark confirms that cellulose is not intentionally added to the above products, nor is it used in the manufacturing or packaging process for the product. Because of this, Kimberly-Clark does not test the above product form for the presence of cellulose.

Should you require additional information, please contact our Customer Service Team at (888) 346-GOKC (4652) or your local Kimberly-Clark Sales Representative.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Emily Adams'.

Emily Adams

Technical Support Specialist, Quality & Regulatory Team
Kimberly-Clark Professional