

Wildfire Smoke Protection Plan - Appendix D: Exposure Controls

Control Level	Threshold		Required Control	Notes	Parts of the Respiratory Protection Plan That Apply
	[PM2.5] ug/m ³	AQI			
1	≥35.5	≥101	Engineering & Administrative Controls	When feasible, engineering and administrative controls are required to reduce PM2.5 exposure levels to < 35.5 ug/m ³ (AQI 101). Examples of engineering controls include working in enclosed buildings, structures, or vehicles where the air is filtered or using portable air purifiers equipped with HEPA filters. Examples of administrative controls include temporarily relocating work to an outdoor location with better air quality and/or changing employee schedules when better air quality is forecasted.	N/A
2	35.5-200.8	101-250	Voluntary use of filtering facepiece respirators ¹	NIOSH-approved respirators are available that effectively protect wearers from PM2.5. These must be provided at no cost and readily available for voluntary use to all exposed employees at their request. Sufficient numbers and sizes must be maintained at each work location where employees are exposed.	<u>Filtering facepiece respirators:</u> None <u>Elastomeric respirators:</u> H&SM Ch 17 Appendix D
3	200.9-500.3	251-500	Required use of respirators ²	Managers must ensure that employees wear NIOSH-approved respirators even after the application of engineering and administrative controls.	<u>Filtering facepiece respirators:</u> None; However, limited training as described in section IV.D.3 is required. <u>Elastomeric respirators:</u> Medical qualification, fit-testing, training, facial hair removal required.
4	≥500.4	≥501	Required use of respirators ³	Managers must ensure that employees wear NIOSH-approved respirators even after the application of engineering and administrative controls.	<u>All respirator types:</u> Medical qualification, fit-testing, training, facial hair removal required.

1 - Voluntary use of filtering facepiece respirators under OR-OSHA's Protection from Wildfire Smoke rule does not trigger the voluntary use provisions of OR-OSHA's Respiratory Protection Standard CFR 1910.134. Appendix D to the Respiratory Protection Program need not be provided unless elastomeric respirators are used.

2 - Required use of filtering facepiece respirators under OR-OSHA's Protection from Wildfire Smoke rule for exposures below AQI 500 does not trigger the OR-OSHA's Respiratory Protection Standard CFR 1910.134. PCC must, however, comply with the Wildfire Smoke Respiratory Protection Program, which does not require such elements as medical evaluation, fit-testing, or shaving facial hair.

3 - Required use of NIOSH-approved filtering facepiece respirators must be in compliance with OR-OSHA's Respiratory Protection Standard CFR 1910.134.



Filtering Facepiece Respirators are disposable half facepiece respirators that filter out particles such as dusts, mists, and fumes. They do NOT provide protection against gases and vapors.



Elastomeric Half Facepiece Respirators are reusable and have replaceable cartridges or filters. They cover the nose and mouth and provide protection against gases, vapors, or particles when equipped with the appropriate cartridge or filter.



Elastomeric Full Facepiece Respirators are reusable and have replaceable canisters, cartridges, or filters. The facepiece covers the face and eyes, which offers eye protection.