



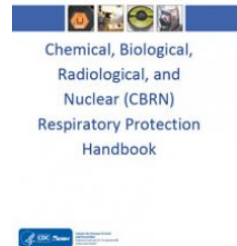
Prior to 2001, there were no standards for the use of respiratory protection devices against chemical, biological, radiological, and nuclear (CBRN) hazards encountered by U.S. emergency response teams. Several federal agencies partnered to conduct research and develop programs and resources. The National Institute for Occupational Safety and Health (NIOSH) has recently released a new comprehensive guideline for Respiratory Protection in CBRN

applications.

The new NIOSH publication, *Chemical, Biological, Radiological, and Nuclear (CBRN) Respiratory Protection Handbook*, summarizes detailed technical information on CBRN respiratory protective devices. The handbook also provides practical guidance for the selection, use, and maintenance of CBRN respirators. Chapters feature useful tips on developing effective training programs and administering a comprehensive respiratory protection effort.

To learn more:

- NIOSH [2018]. [CBRN Respiratory Protection Handbook](#). By Janssen L, Johnson AT, Johnson JS, Mansdorf SZ, Medici OR, Metzler RW, Rehak TR, Szalajda JV. Pittsburgh, PA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2018-166.
- NIOSH [National Personal Protective Technology Laboratory](#) (NPPTL)
- NIOSH [Searchable list of approved respirators](#) (respirators used in CBRN applications must be tested/approved by the NIOSH NPPTL).
- US Department of Health & Human Services [Chemical Hazards Emergency Medical Management](#) webpage



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