

Respirator Requirements Policy



Respirator Usage Guidelines in a Chemical Laboratory

Please be mindful of specific situations that warrant the use of a respirator. These situations include:

Transferring of Solvents:

- When transferring solvents from 25L drums to smaller bottles, even within the solvent store.

Silica Handling:

- When transferring silica from a 25kg drum to smaller containers.
- When weighing out and packing silica columns. It is crucial to remember that any spilled silica must be cleaned up immediately.



Loadshedding Periods:

- In the absence of laboratory extraction, for example during loadshedding, BUT only:
 - a) for short periods NOT MORE than 10 minutes at a time and
 - b) if you were out of the laboratory for more than half an hour and needed to return to the laboratory **to turn off a reaction**
 - c) **should not be used as a substitute to work normally during loadshedding.**

Waste Transfer

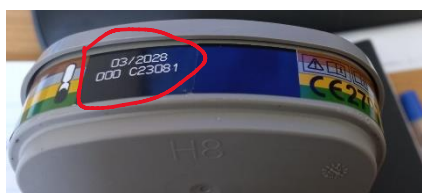
- During the transfer of waste from 10L or 25L jerry cans and/or into 25L plastic containers for waste disposal.

Other activities:

- While engaging in any painting, spray painting, or varnishing activities.

It is utmost importance to adhere to these guidelines, as they serve to significantly minimize exposure to harmful silica dust or vapours emitted by the handled solvents.

Additionally, routinely check the expiry date of the respirator cartridges. if expired, promptly notify your SHE-rep. SHE-reps please notify the CEM OHSE unit that the cartridges have expired.



Respirator: R6200 3M Face piece (medium)

Cartridge: R6059 3M ABEK Filter (1 x 2)