

PROBLEM STATEMENT

The level of protection offered by tight-fitting respirators isn't always enough in certain environments. To prevent harmful airborne particulates from being inhaled, tight-fitting respirators must form a tight seal, requiring clean-shaven workers, and fit testing, often done annually or when the wearer's characteristics change. They can also be uncomfortable, causing skin irritations and labored breathing, plus their impact on the environment is devastating.

BENEFITS

It's easier to breathe wearing a loose-fitting respirator, resulting in fewer breaks and increased production. While there are higher initial costs, loose-fitting respirators in the long run are more affordable, with most of the ongoing costs being just the replacement of HEPA filters. Because it isn't tight-fitting, there are no skin irritations, workers don't have to shave or get fit-tested, and weight fluctuations are also acceptable, which is excellent for confidence and morale.

TECHNOLOGY SOLUTION

GVS-RPB loose-fitting respirators offer greater protection, with an Assigned Protection Factor of 1000. Clean air is supplied to the head top via a Powered Air Purifying Respirator or Supplied Air Respirator, with positive pressure helping to keep hazardous particulates out. With the potential to incorporate a bump cap or hard hat, eye protection, and hearing protection, that superior protection is increased further, providing extra safety for workers in various hazardous industries.

