

Indiana Steel Manufacturer Extends Respirator Lifespan by 300% with Moldex Half Mask Respirators and Splash Protectors



Problem

An Indiana-based steel manufacturer provides reusable half mask respiratory protection to its crew, but their current masks were uncomfortable, expensive, and the filters weren't meeting product lifespan expectations:

- The excessive amount of time it took workers to clean and maintain their masks was contributing to higher labor costs and respirators being thrown away prematurely
- Workers complained the respirators were uncomfortable
- The P100 filter disks were becoming waterlogged due to splashing, resulting in filters being thrown away prematurely, often well before becoming loaded

Solution

The manufacturer wanted to provide workers with a more comfortable half mask and cut costs. Moldex presented its 7000 Series reusable half mask respirators and 7999 Splash & Spark Protectors, which feature:

- An advanced design that eliminates unnecessary parts and allows for **easy cleaning and maintenance**, extending the life of the masks and reducing overall costs
- A light weight design and extra-wide sealing area that provide **all-day comfort**
- P100 filter disk splash protector **prevents filters from getting excessively wet**, allowing for longer use time and lower overall costs

Results

- ✓ 300% increase in filter lifespans
- ✓ 10% overall annual savings on respiratory costs
- ✓ Increased worker comfort and satisfaction
- ✓ Easy & fast maintenance



Major Cost Savings



Less Maintenance



Worker Approved