

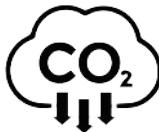
ISO 23875 NEW STANDARD FOR CAB AIR QUALITY



Reduce Occupational Exposure in Operator Enclosures

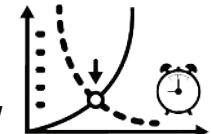
5 Engineering and Performance Requirements

1 Defined CO₂ Levels



First alarm threshold: ambient CO₂ level plus 400 parts per million (PPM).
Second CO₂ alarm threshold of 2,500 PPM.

2 Defined Fresh & Recirculation System Efficiency



Maximum respirable particulate matter concentration less than 25 micrograms per cubic meter of air at start and end of decay test (maximum 120 second decay time).

3 Increased Filter Efficiency Requirements



Updated in June 2022: Filtration that exceeds 94% efficiency at 0.3 microns is recommended. Filters must pass the required intake air leakage and particle decay tests.

4 Defined Pressurization Requirements



Operator enclosures must maintain a minimum pressure of 20 Pa with key on and HVAC blower turned off.

5 Defined, Real-Time Monitoring Requirements



Monitor must include an audible alarm for CO₂ and pressurization to alert the operator when levels exceed the permissible pressure and CO₂ thresholds.

Learn how you can meet ISO 23875 requirements on new and existing equipment ➔

ISO 23875 NEW STANDARD FOR CAB AIR QUALITY

SY-KLONE
INTERNATIONAL

Meet ISO 23875 requirements with Sy-Klone Cab Air Quality Systems



CO₂
Levels



Recirculation
Efficiency



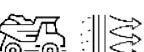
Filtration
Efficiency



Defined
Pressurization



Real-Time
Monitor



CO₂
Filtration

Defined
Pressurization

The Sy-Klone RESPA® fresh and recirculated cab air quality systems, RadialSHIELD® high-efficiency HEPA and EPA filters, and the RESPA Advisor®+ Monitor, combined with a well-sealed cab, provide the engineering controls needed to prepare a cab to meet ISO 23875 performance requirements.

Contact Sy-Klone for more information:

Sy-Klone.com

Sales@Sy-Klone.com



CO₂
Filtration



RESPA Fresh Air System
Precleaner/Filter/Pressurizer



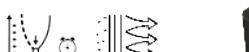
Pressure + CO₂ Monitor
RESPA Advisor+



RESPA CFX2



RESPA FFX2



RESPA PFX

or



RESPA Recirculated Air System
High-Efficiency Filtration



RadialSHIELD Filtration
EPA or HEPA