



SCHUST

A MEMBER OF THE SCHEUCH GROUP

YOUR VENTILATION PARTNER

MAKE-UP AIR

Air is complicated, but it's critical to keeping your foundry's ventilation system balanced and operating as intended. Schust has been uncomplicating air for nearly 100 years - measuring air being removed and sizing make-up air units to return the required air back.



MAKE-UP AIR

THE FOUNDRY
WINTERTIME BLUES



Schust
Schust.com/Silica
1-800-408-4820

DON'T RISK THE FOUNDRY WINTERTIME BLUES

Spring and Summer are ideal times of the year to move or change equipment as part of your plan to reduce silica exposures. The foundry doors are open and the fresh air is free to move. Although, come Fall and Winter the doors are closed to keep out the cooler temperatures. This can have a negative impact on the air balance inside as well as shutting off the supply of air your dust collectors need to move or transport dust out of the foundry.

LET SCHUST PROVIDE THE HEAT

Depending on your region, tempered and untempered make-up air units are considered for air supply.



Possible Issues

- When doors and windows are open and the foundry ventilation system and dust collectors have plenty of unrestricted air to work with, silica exposures were at permissible levels. But when the doors are shut the restriction of air may cause silica exposures to increase.
- You have dust collectors, but no make-up air returning air back into the building. Dust collectors and make-up air units go together. Particularly in controlled environments one cannot be without the other.
- Ventilation hoods are likely to reduce capture efficiency when the facility doors are shut.

Schust Solutions

- Audit all dust collectors including the measure and calculation of the amount of air being removed.
- Size and determine the make-up air unit to provide the appropriate amount of air back into the facility.
- Isolate operations by enclosing certain areas of processing to reduce the amount of air required to be brought back in.
- Depending on the process, combination(s) of make-up air units and isolation can balance the system and restore air quality.

Experience. Performance. Trust.

Developing an optimized air pollution control (APC) system requires the consideration of a wide range of engineering, environmental, and economics factors. At Schust, our proven industry experience and broad capabilities mean we can assist you with the selection and design of effective air pollution control systems.