

Ventilation Control for Occupational Health

1.0. GENERAL

Ventilation is an engineering control for preventing occupational exposures to potentially harmful air contaminants, heat, and microbiological hazards. Three types of ventilation impact TAMUS: dilution ventilation, local exhaust ventilation, and laboratory fume hoods. The selection and design of appropriate air handling and ventilation systems as an occupational exposure control should be based on the results of hazard analysis, hazard identification, and good engineering practice.

2.0. REQUIREMENTS

Components should develop and implement a program to maintain minimum ventilation rates and acceptable indoor air quality levels to avoid adverse health effects to affected personnel, and to comply with applicable codes and requirements. The program should include provisions to

- 2.1. Allow for the input, and as applicable the approval, of the component environmental health and safety office in the design, installation, maintenance, and operation of appropriate ventilation systems to reduce the risk of potentially harmful exposures
- 2.2. Periodically inspect and evaluate ventilation systems, laboratory hoods, and related equipment for safe operations, cleanliness, and effective performance
- 2.3. Document appropriate records, including
 - Investigations and evaluations
 - Maintenance recordsExisting recordkeeping systems may be used or modified; the intent here is not to require duplication of effort, but rather to ensure that critical information is documented and available for analysis.

3.0. COORDINATION

The ventilation control program should be consistent with the A&M System standard titled Industrial Hygiene: Monitoring and Evaluation of Occupational/Environmental Exposure, and other safety and health provisions to identify and control potentially harmful exposures.

Contact for Interpretation
History

Office of Risk Management and Safety
New standard

Recommendation

Chair, Risk Management and Safety Council

Date

Legal Sufficiency

General Counsel

Date

Approval

Director of Office of Risk Management and Safety

Date