VETERAN EQUIPMENT SYSTEMS AND SALES

DUST & AEROSOL MIGRATION MAPPING (DAMM)

Find. Visualize. Solve. Prevent.

Dust & Aerosol Migration Mapping (DAMM) is an engineering service designed to measure, analyze, and characterize hazardous dust and aerosol movement within enclosed environments.

DAMM helps identify where contamination is originating, how it is moving, and where corrective action should be focused.



HOW DAMM WORKS

1. **Define the Area of Concern**
   Identify the processes, equipment, and areas to be evaluated.
2. **Deploy DAMM Collection Cartridges**
   Self-contained cartridges collect migrating dust on a known, clean surface.
3. **Field Deployment**
   Cartridges remain in place for approximately 1 week to 1 month, depending on the source and environment.
4. **Laboratory Analysis**
   Samples are analyzed using OSHA or NIOSH approved style methods for the hazard in question.
5. **Migration Map & Report**
   Results are normalized and mapped to show contamination pathways, identify sources, and provide recommendations.

WHAT DAMM CAN HELP IDENTIFY

- Areas of elevated dust or aerosol levels
- Contamination pathways and migration patterns
- Primary sources of contamination
- Effectiveness of current controls
- Opportunities for improved containment
- Data to support corrective actions and facility improvements

APPLICABLE CONTAMINANTS

DAMM can be applied to a variety of hazardous materials, including:

- Chromium, including Cr(VI)
- Cadmium
- Beryllium
- Lead
- Volatile Organic Compounds (VOCs)
- Other hazardous dusts and aerosols

IDEAL FOR

- Aerospace and defense facilities
- Hexavalent chromium Cr(VI) operations
- Blasting, coating, and paint environments
- Maintenance and MRO facilities
- Enclosed or high-risk work areas
- Regulatory compliance and risk assessments
- Facility layout and control strategy validation

SBA SERVICE-DISABLED VETERAN-OWNED CERTIFIED

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