

The Dell Group, Inc.

Creative Solutions for your compliance burdens

The Industrial Hygiene Process

IAQ HAZARD ASSESSMENT SHOULD INCLUDE FOUR BASIC STEPS

ANTICIPATION of the health risk

SURVEILLANCE of the suspected hazard

ANALYSIS of the results from the survey

Development of CONTROL measures based on the analysis

Step 1: ANTICIPATION VIA INVENTORY

- Conditions for existence of the hazard
- Inventory of conditions

For example, water damage is a condition on the inventory.

Step 2: SURVEILLANCE OF THE HAZARDS IN THE INVENTORY

- Collection of data based on the inventory (Step 1 complete as possible)
- Develop hazard quantification scheme

For example, air samples from areas > 1000 square feet of water damaged drywall.

P.O. Box 1390, Mentor, OH 44061-1390 – (440) 266-0403 – FAX (440) 266-0413

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Step 3: ANALYSIS OF DATA

- Rigorous analysis of the inventory factors

For example, find a threshold:

Areas > 1000 square feet water damaged drywall and high mold spore counts are always associated with health complaints.

vs.

Areas < 1000 square feet and high spore counts have no complaints.

Or do statistical analysis, such as Chi Square, radius squared.

Step 4: CONTROLLING OR ELIMINATING THE HAZARDS

- Development of control measures based on the analysis.

For example, remove damaged drywall; stop water infiltration; clean contamination.

CAUTION!

If any of above is incorrect or incomplete, You might force owner to:

- * Spend more money than available;
- * Do less than needed;
- * Do nothing at all - avoid it!

Call The Dell Group for the solution @ 800-259-8930