



Indoor Environmental Quality

concepts & strategies that make a difference

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EB O&M track and BOC Credential



Professional Affiliate



Part of a Team

Understand the Emphasis

<http://www.lungusa.org/healthy-air/work/>



**AMERICAN
LUNG
ASSOCIATION.**
Fighting for Air

Credit Categories & Distribution



12 POINTS Sustainable Sites (SS)

10 POINTS Water Efficiency (WE)

30 POINTS Energy & Atmosphere (EA)

14 POINTS Materials & Resources (MR)

19 POINTS Indoor Environmental Quality (EQ)

7 POINTS Innovation in Operations (IO)

Why O Why????!!!????

- In the 30 Year Life Cycle of construction, staffing, operating and maintaining a commercial building: 92% of the costs goes to employee salaries
- Given this investment it makes sense to keep them as healthy and productive as possible by maintaining and improving the IEQ



Establish a Baseline

- What are the existing conditions for:
 - Printing Services
 - Chemical and cleaning product storage
 - Ventilation rates and monitoring
 - Smoking policy
 - Absenteeism rates
 - Thermal comfort compliance
 - HVAC system maintenance schedules
 - Policy for use of air fresheners/candles



American Lung Association

- The best way to guard against harm is to prevent or minimize the sources of indoor air pollution. Employers are responsible for providing safe work conditions, including healthy air.
- Store food properly. Dispose of garbage correctly and regularly.
- Clean up water spills and report leaks immediately.
- Let your supervisor or building maintenance staff know immediately if you suspect a problem with the air indoors.
- Make sure that the air in your office can circulate freely.
- Keep air vents open. Do not put papers, furniture or equipment in front of or on top of vents.

Supply Chain Management

- Green Purchasing Policy
 - What gets brought through the doors and why?
 - Where will it go when we don't want it anymore?
 - VOC content?
- www.greenseal.org (green washing is not green cleaning!)
- Vendor Training
 - Review products with print/copier company about inks, energy use, default settings, eco-friendly fonts and more...



IAQ Plan During Projects

- Make a plan/Work the plan
 - <http://www.leadforcontractors.com/filling-out-the-lead-online-scorecard/construction-indoor-air-quality-management-plan---during-construction>
- Covering supply and return vents
- Negative air machines
 - More air exiting than entering
 - Same thing as an air scrubber



at the end of the day...

- What changes can you chart & share?
- People will appreciate the concern and effort
- The boss will appreciate the increased productivity

