MAINTAINING IAQ

EXAMPLES OF PRECAUTIONS THAT MAY BE REQUIRED

TO MINIMIZE IMPACT OF CONSTRUCTION ACTIVITIES

ON OCCUPANTS AND INDOOR AIR QUALITY

1. Conduct work generating fumes, odors, dust, etc. off-hours. This may include night shifts, weekends, etc.

2. Isolate the work area by constructing temporary walls (i.e., 2X4's and polyethylene sheeting). Seal non-essential openings with two layers of polyethylene sheeting.

3. In certain circumstances, the involved area may have to be put under negative pressure. This would involve all steps in example #2 plus the use of portable air moving devices to induce negative pressure in the work area. Air would only move from clean to dirty areas.

4. Another possibility is to positively pressurize occupied non-construction areas.

5. Substitute products and/or procedures that are less toxic and less odorous.

6. Selectively shutting down certain air handling systems to prevent the inflow and distribution of contaminants may be necessary.

7. Selective evacuation of part of a facility or in certain circumstances, total evacuation of the facility may be the best solution.

The above list is by no means complete. There can be many ways to minimize the impact of your project on the occupants. It is extremely important that FP&C, or Maintenance & Operations, representatives consult with the Department of Occupational Health and Safety prior to the commencement of work unless the project presents hazards for which the appropriate protective measures have already been established. In most cases selecting one or a combination of the above steps is a judgment call based on anticipated physical and chemical contamination.

For details,


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