

PRELIMINARY OUTLINE
Report on Indoor Air Pollution
Prepared for the Legislature pursuant to AB 1173, Keeley

Executive Summary

1.0 Introduction – Keeley bill, etc.

2.0 Health impacts of indoor pollution

- A. Respiratory effects (asthma, bronchitis, infections, other)
- B. Irritancy and neurological effects
- C. Cancer
- D. Other effects
- E. Vulnerable populations

3.0 Indoor pollution poses a high risk

- A. Results from comparative risk projects
- B. Numerous sources of pollutants
- C. Indoor concentrations are higher
- D. People spend most of their time indoors

4.0 Common indoor air pollutants and their sources

Table of sources and potential health effects of major indoor air pollutants.

- A. Formaldehyde and other aldehydes
- B. Other VOCs
- C. Particulate matter
- D. Carbon monoxide
- E. Nitrogen dioxide
- F. Environmental Tobacco Smoke
- G. Radon
- H. Asbestos
- I. Biological contaminants
- J. Others (to be added)
- K. Categorize pollutants based on potential for exposure and adverse effects

5.0 Costs of indoor pollution

- A. Asthma
- B. Cancer treatment
- C. Mortality
- D. Emergency room visits
- E. Sick building symptoms
- F. Worker productivity

6.0 Existing Regulations and Current Industry Practices

- A. Emission limitations
- B. Building siting, design and construction practices (residential, non-residential)
- C. Heating, ventilating, and air conditioning systems (residential, non-residential)
- D. Workplace Exposures
- E. Other

7.0 Potential solutions to poor indoor air quality

- A. Principles of control
- B. Options to mitigate indoor pollution
- C. Solutions for schools

8.0 Summary

9.0 List of References

10.0 Appendices