

Factory Realtime Air Condition Monitoring for Improved Health Survey

We are building a factory air condition monitoring system that aims to improve the working environment by providing real time alerts regarding current air quality conditions within the factory environment. This questionnaire is to gather insights about the air quality in factories and to assess its potential health impacts on employees. By collecting data on contributing factors such as air quality, temperature, humidity, and employee health conditions, the survey will help inform the design and implementation of a real-time monitoring system that promotes a healthier and productive workplace environment.

* Indicates required question

Section 1: General Information

1. Position/Role in the Factory *

Mark only one oval.

- ☐ Worker
- ☐ Supervisor/Manager
- ☐ Health and Safety Officer
- ☐ Other

2. How aware are you of the air quality in your workplace? *

Mark only one oval.

- ☐ Very aware
- ☐ Somewhat aware
- ☐ Not very aware
- ☐ Not aware at all

Section 2: Current Air Quality Conditions

3. How would you rate the air quality in your workplace? *

Mark only one oval.

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor
- ☐ Very Poor

4. What types of air impurities have you noticed in your workplace? (Select all that apply) *

Tick all that apply.

- ☐ Dust/Particulate Matter
- ☐ Chemical Fumes
- ☐ Odors from machinery
- ☐ Smoke
- ☐ Other

5. How often do you experience poor air quality in your workplace? *

Mark only one oval.

- ☐ Daily
- ☐ Weekly
- ☐ Monthly
- ☐ Rarely
- ☐ Never

Section 3: Impact on Health and Productivity

6. Have you or your colleagues reported health issues linked to poor air quality? *

Mark only one oval.

- ☐ Yes
- ☐ No
- ☐ Not sure

7. If yes, what kind of health issues have been reported? (Select all that apply)

Tick all that apply.

- ☐ Respiratory problems
- ☐ Skin irritation
- ☐ Eye irritation
- ☐ Headaches
- ☐ Fatigue
- ☐ Other

8. Do you believe that poor air quality affects your productivity at work? *

Mark only one oval.

- ☐ Yes, significantly
- ☐ Yes, somewhat
- ☐ No, not really
- ☐ No, not at all

Section 4: Current Air Quality Management

9. Are there any air quality monitoring systems in place in your workplace? *

Mark only one oval.

- ☐ Yes
- ☐ No
- ☐ Maybe

10. If yes, how effective are the current air quality monitoring systems?

Mark only one oval.

- ☐ Very effective
- ☐ Moderately effective
- ☐ Not effective
- ☐ Not sure

Section 5: Expectations and Suggestions

11. Would you support the implementation of a real-time air quality monitoring system in your workplace? *

Mark only one oval.

- ☐ Yes
- ☐ No
- ☐ Maybe

12. What features would you like in an air quality monitoring system? (Select all that apply) *

Tick all that apply.

- ☐ Real-time alerts
- ☐ Mobile app integration
- ☐ Detailed air quality reports
- ☐ Predictive analysis for air quality trends
- ☐ Other

13. What actions are currently taken when poor air quality is detected? (Select all that apply) *

Tick all that apply.

- ☐ Increase ventilation
- ☐ Evacuate the area
- ☐ Use personal protective equipment (PPE)
- ☐ No action is taken
- ☐ Other

14. Any additional comments or concerns? *

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