

# Workplace Safety Tech■Readiness Checklist

This checklist is designed to help U.S. employers evaluate their current workplace safety systems and identify opportunities to adopt AI, wearable technology, IoT, and other emerging tools. It supports proactive safety management while meeting legal, ethical, and operational requirements.

## 1. Current Safety Tools & Processes

- List all current safety technologies, PPE, and manual systems in use.
- Identify gaps in hazard detection, reporting, and response times.
- Evaluate how safety data is collected, stored, and analyzed.

## 2. Risk Assessment

- Document the top five hazards in your workplace (physical, chemical, environmental, ergonomic).
- Assess whether these hazards are currently monitored with tech or manual methods.
- Note areas with recurring incidents or near misses.

## 3. Technology Suitability

- Evaluate whether wearables, AI video analytics, or IoT sensors would reduce your key risks.
- Prioritize technologies based on risk reduction potential and ROI.
- Research vendors and solutions already proven in your industry.

## 4. Legal & Ethical Considerations

- Check OSHA, ADA, EEOC, and state requirements before adopting new technology.
- Develop transparent policies on worker data collection and use.
- Ensure employees are informed and provide consent where required.

## 5. Cost & ROI Planning

- Estimate upfront and ongoing costs of adopting new tech.
- Compare costs against potential savings (injury reduction, insurance, fewer lost workdays).
- Identify possible vendor partnerships or insurance incentives.

## 6. Pilot & Scaling Strategy

- Run small pilot projects before full rollout.

- Collect feedback from workers on usability and comfort.
- Measure outcomes (incident reduction, compliance improvement).

## **7. Training & Change Management**

- Provide training for both managers and employees on using new tools.
- Establish a feedback system for employees to report issues or concerns.
- Recognize and reward teams adopting safe behaviors supported by tech.