



Confederation of Indian Industry

8th Edition of CII Best Practices Competition on Occupational Health & Safety

Theme 2026:
Leveraging Technological Interventions for Safer Workplaces

Evaluation Framework

1. Safety Challenge & Problem Definition – 15 Marks

Sub-Parameter	Description
Problem Identification	Clear articulation of the safety issue, hazard, or operational risk being addressed.
Risk Severity & Relevance	Significance of the problem in terms of safety impact, frequency, or potential severity.
Baseline Assessment	Evidence of baseline data such as incident trends, near misses, unsafe conditions, or exposure levels prior to intervention.

2. Type of Technology Used and Adoption – 20 Marks

Sub-Parameter	Description
Technological Intervention	Level and appropriateness of the intervention used (AI, IoT, sensors, automation, robotics, analytics, etc.).
Implementation Approach	Effectiveness of deployment and integration into existing safety systems and processes.
Workforce Adoption	Training, usability, and acceptance by employees and stakeholders.

3. Demographic Impact of the Intervention – 30 Marks

Sub-Parameter	Description
Workforce Coverage	Extent and diversity of workforce groups positively impacted, including employees, contract workers, and high-risk personnel.
Human-Centric Design	Accessibility, usability, ergonomic suitability, and inclusiveness of the technological intervention.
Behavioural & Safety Culture Impact	Influence of the intervention on safe behaviour, engagement, and long-term cultural improvement.

4. Measurable Outcomes of the Intervention – 20 Marks

Sub-Parameter	Description
Exemplary Case of Hazard Elimination or Risk Reduction Through Technological Intervention	Clearly demonstrate how technology eliminated a hazard or significantly reduced risk. Must show identification of hazard, technology used, actions taken, quantified results, and sustenance plan.
Data & Evidence	Availability of credible data, analytics, or dashboards validating impact.
Operational Benefits	Any additional gains such as improved productivity, reliability, efficiency, or cost savings.

5. Sustainability – 10 Marks

Sub-Parameter	Description
Long-Term Viability	Continuity of the initiative and institutionalization within the organisation.
Maintenance & Upkeep	Systems for monitoring, upgrades, and continuous improvement.
Cost Effectiveness	Balance between investment and long-term value creation.

6. Horizontal Deployment – 5 Marks

Sub-Parameter	Description
Scalability	Ability to replicate across plants, functions, or business units.
Replicability & Knowledge Sharing	Ease of adoption and dissemination of best practices internally or industry-wide.

P.S. - Annexures: photos, SOPs, policy documents, vendor datasheets (optional)