Formula 1

Content placeholder

Formula 2

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Detailed Explanation

Dynamic Risk Assessment (DRA) differs from static, pre-task risk assessments by emphasizing continuous situational awareness and on-the-fly judgment. The logbook serves as both a cognitive aid and an auditable record, prompting users to systematically observe environmental, human, technical, and organizational factors before and during task execution. Each entry typically captures temporal context (e.g., time, weather, shift), hazard descriptors, likelihood and consequence judgments using standardized scales (e.g., 1–5 matrices), control effectiveness verification, and post-intervention review. Its dual-format design ensures accessibility offline (printable PDF for paper-based compliance) and flexibility online (editable form for integration with digital safety management systems, version control, and automated reporting). Crucially, the logbook embeds feedback loops—such as 'Lessons Learned' fields and revision timestamps—to foster organizational learning and support continual improvement under ISO 45001 and similar occupational health and safety frameworks.

Key Components

#	Component
1	Hazard Identification Field
2	Risk Scoring Matrix (Likelihood × Consequence)
3	Control Verification & Review Section

Applications

#	Application
1	Frontline worker safety briefings in high-hazard industries
2	Incident investigation root-cause documentation
3	Regulatory audit evidence for OSHA/ISO 45001 compliance

Related Concepts

#	Concept
1	Hierarchy of Controls
2	ALARP Principle (As Low As Reasonably Practicable)
3	Situational Awareness

Tags

> risk_management, occupational_safety, hazard_identification