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# What is a Dynamic Risk Assessment?

## Description

A Dynamic Risk Assessment is an evaluation carried out immediately before or during an activity, building on existing risk assessments. It is used to identify and mitigate risks that may arise during the execution of a task.

## Understanding Dynamic Risk Assessment

A Dynamic Risk Assessment (DRA) is a continuous process of identifying hazards, assessing risk, taking action to eliminate or reduce risk, monitoring and reviewing, in the rapidly changing circumstances of an operational incident. It is an essential part of Health, Safety, and Environment (HSE) practices, particularly in industries where work environments can change rapidly, such as construction, emergency services, and field operations.

## Key Elements of Dynamic Risk Assessment

1. **Identifying Hazards:** This involves recognizing potential sources of harm in the immediate environment.
2. **Assessing Risks:** Evaluating the likelihood and severity of harm from the identified hazards.
3. **Taking Action:** Implementing measures to eliminate or reduce the identified risks.
4. **Monitoring and Reviewing:** Continually observing the situation and adjusting the risk assessment as conditions change.

## Importance of Dynamic Risk Assessment

Dynamic Risk Assessment is crucial in managing safety in rapidly changing work environments. It allows for real-time decision-making, ensuring that workers can respond effectively to evolving hazards. This proactive approach to risk management can significantly enhance workplace safety, prevent accidents, and ensure regulatory compliance.

### CATEGORY

1. Risk Assessments

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6. Hazards

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  12. Workplace Safety

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