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Work Package 1.2.4

**Incident Analysis** (Site and Company)

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| Vehicle Interaction Control Improvement Project | |
| **WBS Parent** | 1. VI Control Baseline (Phase 1) |
| **WBS Reference** | 1.2 Phase 1 Site VICE Baseline |
| **Work Package** | 1.2.4 Incident Analysis Site and Company |
| **Package Owner** | Project Manager |
| **Owner Organisation** | Your Company |
| **Participants** | Project Manager, Project Team, site and divisional HSE personnel, selected operations personnel. |
| **Capability Required** | Knowledge of site operating conditions, company standards, and industry good practice for vehicle interaction controls.  Competence in applying Site and Company incident management processes for reporting, investigation, and corrective actions. Knowledge of incident reporting requirements to the regulator. |
| **Description** | Review the VICE Review Credible Failure Modes (CFM).  Confirm that it matches Site and Company vehicle interaction incident experience following these steps:   1. Source at least 5 years of site relevant vehicle interaction incidents, including near misses (minimum 30 incidents). 2. Reference and adapt the Incident Analysis Template for site use. 3. Firstly, update the CFM if required WBS Work Package 1.2.3 Credible Failure Modes Review. 4. Then map each incident to all relevant Credible Failure Modes, noting that more than one CFM can be relevant to an incident. 5. Identify any incidents that have causes that cannot be mapped to the CFM list, for these adapt an existing CFM or develop a new CFM. 6. Prepare information on the incident analysis that can be used for stakeholders and at the VICE Review validation workshop in Phase 2. |
| **Completion State** | A graph summarising the analysis of 30 (or more) site relevant vehicle interaction incidents site against the CFM list.  A summary of site relevant CFMs that includes adaptations for incidents that could not be readily mapped to CFM(s) in the Incident Analysis Template. |
| **References**   * [Incident Analysis Template](https://emesrt.org/wp-content/uploads/Incident-Analysis-Template-V1.docx) * [EMESRT VICI Project Guide](https://emesrt.org/wp-content/uploads/EMESRT-VICI-Project-Guide-2023.pdf) | |

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