### Hazardous events

A hazardous event is an undesired or unplanned event that results in loss or damage and has the potential for an adverse outcome. There are more than 50 hazardous events identified within Roads and Maritime operations that have been defined and assessed for our workers, our supply chain\(^1\) and where appropriate, our customers.

<table>
<thead>
<tr>
<th>Context</th>
<th>Hazardous events</th>
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| **Worksite** | HE-001 Collision between mobile plant  
HE-002 Mobile plant rollover  
HE-003 Object struck by mobile plant  
HE-004 Person struck by operating mobile plant  
HE-005 Loss of separation / control of equipment or powered plant  
HE-006 Fire / explosion on plant  
HE-007 Failure of crane, winch or other lifting equipment | HE-008 Engulfment  
HE-009 Exposure to non-environmental sources of heat  
HE-010 Loss of separation between traffic and worksite  
HE-011 Road vehicle enters supervised school crossing  
HE-012 Strike / contact with aboveground service  
HE-013 Strike / contact with underground service  
HE-014 Temporary works failure  
HE-016 Worker hit by train in rail corridor |
| **Road** | HE-017 Vehicle interaction – vulnerable road user  
HE-020 Vehicle interaction – heavy vehicle  
HE-021 Vehicle interaction – light vehicle | HE-023 Vehicle interaction – vehicle and train  
HE-024 Vehicle interactions with object / wildlife  
HE-059 Vehicle interaction – light rail or bus |
| **Maritime** | HE-025 Collision between vessels  
HE-026 Fire / explosion on board vessel  
HE-027 Flood on operating vessel  
HE-028 Unintentional grounding of vessel | HE-029 Vessel capsizes  
HE-030 Unintended vessel interaction  
HE-034 Fall into water  
HE-035 Uncontrolled underwater event |
| **General** | HE-022 Transport – hazardous substances  
HE-036 Person struck by rope / cable  
HE-037 Anti-social behaviour  
HE-038 Contact with sharp / rough object / protruding edge  
HE-039 Entrapment  
HE-040 Exposure to airborne contaminants  
HE-041 Exposure to extreme environmental conditions  
HE-042 Exposure to sources of radiation, electromagnetic fields and emissions  
HE-043 Exposure to fauna / flora  
HE-044 Exposure to hazardous biological matter  
HE-045 Exposure to hazardous substances  
HE-046 Exposure to unacceptable levels of noise | HE-047 Exposure to source of electricity  
HE-049 Fire / explosion in currently used building  
HE-050 Fire / explosion in tunnel  
HE-051 Fire / explosion on or nearby RMS infrastructure (or disused property)  
HE-052 Infrastructure / building inundation  
HE-053 Hazardous manual task  
HE-054 Loss of asset integrity – permanent structures  
HE-055 Uncontrolled objects (dropped or projectile)  
HE-056 Person fall from height  
HE-057 Exposure to psychological stress  
HE-058 Person slip or trip  
HE-060 Entanglement |

A list that defines each hazardous event is available [here](#).

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\(^1\) Includes workers, industry partners, visitors or volunteers working on worksites / offices controlled by the Roads and Maritime supply chain