| Overview | This NOS is about removing and transporting upright vehicles from the roadside or similar hard, level standing. |
IMIRR04
Remove and transport light vehicles

Performance criteria

You must be able to:

P1 wear suitable personal protective equipment throughout all vehicle removal activities
P2 carry out a daily check, in accordance with your company procedures, on the vehicle being used for the recovery operation
P3 assess the dangers relating to the vehicle and its location prior to commencing recovery activities
P4 secure the immediate safety of the driver and passengers effectively, if present
P5 use a recovery vehicle and recovery equipment which:
  P5.1 is suitable for the type, condition and weight of vehicle to be transported
  P5.2 is suitable for the nature of the incident
  P5.3 complies with legal requirements
P6 use warning lights in a way which complies with legal requirements and current industry codes of practice
P7 report viable options to your recovery controller for action promptly where the recovery vehicle and equipment prove unsuitable
P8 make the vehicle safe for transportation
P9 inform the relevant authorities promptly where the condition of the vehicle and its removal presents a hazard
P10 position and rig the recovery vehicle and recovery equipment to:
  P10.1 comply with industry codes of practice
  P10.2 minimise the need to re-rig
  P10.3 secure the best recovery advantage
P11 fit all necessary loading and securing equipment to comply with:
  P11.1 legal requirements
  P11.2 industry codes of practice
  P11.3 manufacturer’s operating instructions
  P11.4 your organisation’s requirements
P12 ensure your roadside working practices and procedures during all removal and loading activities comply with legal requirements and industry codes of practice for the type of road involved, the roadside situation and prevailing weather
conditions
P13 contact the relevant authority promptly where the loading manoeuvre is likely to obstruct the flow of traffic
P14 ensure the recovery site is left free from debris, waste, tools, equipment and cones prior to moving off
P15 dispose of any debris or waste in accordance to any environmental requirements
P16 transport the vehicle to the relevant destination without further damage
P17 transport and unload the recovered vehicle to comply with:
   P17.1 legal requirements
   P17.2 industry codes of practice
   P17.3 manufacturer’s operating instructions
   P17.4 your organisation’s requirements
P18 ensure your records are accurate and complete and passed to the relevant person(s) promptly
**Knowledge and understanding**

<table>
<thead>
<tr>
<th>You need to know and understand:</th>
<th><strong>Legal and organisational requirements and procedures</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>K1</td>
<td>the legal requirements and industry codes of practice governing site protection and recovery operations</td>
</tr>
<tr>
<td>K2</td>
<td>your organisation's operating, reporting and recording procedures</td>
</tr>
<tr>
<td>K3</td>
<td>the limits of your authority for dealing with hazardous substances</td>
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<tr>
<td>K4</td>
<td>the importance of wearing the appropriate personal protective equipment</td>
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<tr>
<td>K5</td>
<td>the importance of carrying out a daily check on the recovery vehicle</td>
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<td>K6</td>
<td>how to complete recovery records and the importance of doing so</td>
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<tr>
<td>K7</td>
<td>the referral process for the recovery of vehicles with High Energy systems and components</td>
</tr>
</tbody>
</table>

**Vehicle recovery equipment**

<table>
<thead>
<tr>
<th>You need to know and understand:</th>
<th>K8 the types, purpose and use of relevant vehicle recovery equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>K9</td>
<td>the safe working loads for recovery equipment, axle weights and stability</td>
</tr>
</tbody>
</table>

**Vehicle recovery**

<table>
<thead>
<tr>
<th>You need to know and understand:</th>
<th>K10 how to assess the most suitable recovery method for the type of incident, type of vehicle, the location and the condition of the vehicle involved</th>
</tr>
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<tbody>
<tr>
<td>K11</td>
<td>how to assess the weight of a vehicle, including a load where appropriate</td>
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<td>K12</td>
<td>the effect of weather conditions on the feasibility of recovery operations and how they are conducted</td>
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<td>K13</td>
<td>how to use suitable site to base communication methods</td>
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<td>K14</td>
<td>how to give clear, appropriate and informative instructions to customers</td>
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<td>K15</td>
<td>the circumstances in which to call for specialist advice and assistance</td>
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<td>K16</td>
<td>the operation of braking and transmission systems</td>
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<tr>
<td>K17</td>
<td>the principles of loading and load containment</td>
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<td>K18</td>
<td>on site recovery planning and control techniques</td>
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<tr>
<td>K19</td>
<td>how to prepare and secure vehicles for transportation</td>
</tr>
<tr>
<td>K20</td>
<td>how to check for and deal with any vehicle system and load leakage</td>
</tr>
<tr>
<td>K21</td>
<td>the dangers associated with roadside recovery operations and how to lessen...</td>
</tr>
</tbody>
</table>
the risks to yourself, customers and other road users
K22 how to identify vehicles carrying hazardous substances
K23 the importance of informing the authorities where roadside operations are likely to affect other traffic
K24 how to position and rig recovery vehicles
K25 how to fit towing, loading and transportation equipment for the types of vehicle you deal with
K26 how to work safely at the roadside following industry codes of practice
K27 how to perform safety checks on vehicles relevant to the types of vehicle you deal with
K28 how to clear the site prior to moving off taking in to account any environmental issues where appropriate
K29 how to use suitable warning lights
K30 how to avoid damage to vehicles during transportation
Additional information

Scope/range

1 **Recovery equipment** is:
   1.1. tow poles
   1.2. transporters
   1.3. vehicle mounted recovery systems
   1.4. winches
   1.5. truck mounted loaders
   1.6. underlifts
   1.7. trailers
   1.8. spec lifts/support lifts

2 **Roadside situation** is:
   2.1. off a live carriageway (driveway, car park)
   2.2. on a live carriageway

3 **Weather conditions** are:
   3.1. poor visibility
   3.2. light
   3.3. dark
   3.4. dry
   3.5. rain
   3.6. snow
   3.7. ice
   3.8. wind
Glossary

**Industry Codes of Practice**

The current Code of Practice for Safe Roadside Working.

**Legal requirements**

Current legislation (including local by-laws and regulations) applicable to securing and protecting the recovery site.

**Personal protective equipment**

Reflective safety garments, safety footwear, safety gloves and safety glasses as recommended by the current industry Code of Practice for Safe Roadside Working.

**Recovery vehicle**

Any vehicle fitted with recovery equipment.

**Roadside**

Examples include: rural roads, urban roads and motorways, in hazardous and non-hazardous situations.

**Similar hard, level standing**

Examples include: driveways, forecourts and car parks.

**Vehicles**

These can be any vehicle up to 3500kgs which could include cars, vans and multi purpose vehicles (MPV's).
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