

The UK Spill Contractors Accreditation Scheme

ACCREDITATION Assessment Matrix

PRE QUALIFICATION QUESTIONNAIRE

Companies are requested to indicate below which modules they wish to be accredited in, Module 1 is mandatory, and then complete the appropriate modules before returning this Questionnaire to UKSpill on info@ukspill.org . The Questionnaire will be reviewed and then an Assessor will contact you to discuss a site visit or where your company may need to be to add resources to enable a site visit.

If you have any queries on completion of this form, your Assessor can be contacted on info@ukspill.com,and he will call you back to discuss and advise.

Module 1:

1 Standard compliance and Basic Spill Responder: - Applicable to all

Demonstrate capability to safely and effectively respond to a non complex routine spill.

Typically a small spill that does not include Hazardous and Noxious substances (HNS) on hard standing/industrial premises and associated drainage.

Specialist Modules:

2. Freshwater/Inland water

Demonstrate capability to safely and effectively respond to a spill on an inland waterway.
Typically a spill into freshwater stream, lake, gravel pit etc.

3. Hazardous and Noxious Substances (HNS)

Demonstrate capability to safely and effectively respond to spills involving HNS

4. Marine spill

Demonstrate capability to safely and effectively respond to a spill in a maritime environment.

This has two sub modules

- a. Ports, Harbours, Shoreline
- b. Offshore

5. Groundwater

Demonstrate capability to safely and effectively respond to a spill that has impacted groundwater (all water that is below the surface of the ground in the saturation zone and in direct contact with the ground or sub-soil)

6. Contaminated Soils

Demonstrate capability to safely and effectively respond to a spill that has impacted soils.
Typically a spill that has recently contaminated soils, following a known event.

7. Tanker Rollover

Demonstrate capability to safely and effectively respond to a tanker rollover incident. This would typically involve containment of lost product, transshipment of fuel, managing immediate environmental impact of rollover.

MODULE SELECTION

Module 1	COMPULSORY
Module 2 Fresh water	Y/N
Module 3 HNS	Y/N
Module 4 Marine	Y/N
Module 5 Ground Water	Y/N
Module 6 Contaminated Soils	Y/N
Module 7 Tanker Rollover	Y/N

NOTE ON APPLICATION

Applicant companies are required to complete Module 1, Standards Compliance & Basic Spill Responder, which is compulsory. Then companies should select which additional Specialist modules they wish to be accredited for, and complete these, and return by email to UKSpill (info@ukspill.org). Supporting documents should be noted, but not sent in, these will be inspected during the site visit.

Module 1: Standard Compliance and Basic Spill Responder

Professional competence		Guidance	Comments	
1. How is competence demonstrated?		Qualification of key staff members, experience within sector, case studies		
2. What training and CPD is undertaken by key staff members?		Attendance at events, memberships of relevant trade/professional organisations, continuing education, knowledge base in one or more than on staff members		
3. Do staff receive relevant training?		External training, in-house training		
4. What incidents has the company dealt with over last three years?		Provide examples		
5. What investment has there been in training, personal development and updating of company procedures in last three years?				
6. What accreditations with other organisations and companies are held?				

Information Gathering and on-site Assessment		Guidance	comments	
1. Are adequate information gathering methods are used		Check lists, instrumentation eg Gas monitors, PIDs etc		
2. Is this information validated		Internally assessed, externally assessed		
3. Is source/pathway/receptor model adequately established		Would expect a basic understanding of this linkage, demonstrate competence to assess each linkage, how to assess it and how to apply it.		
4. Is there understanding of drainage systems and associated pollution control features eg difference between foul and surface water systems, Oil Water Separators and shut off valves.				
5. Is there adequate identification of likely impacts that the spillage may have.				
6. Is there understanding of how different pollutants will impact on the environment, people and animals.				
7. Is there understanding of legislative and regulatory controls and what the company				

must do to comply with them when managing incidents where the environment is at risk				
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Clean up Strategy		guidance	comments	
1. Is there understanding of the range of options available and the advantages/disadvantages of each		Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy		
2. Is there ability to directly effectively undertake options:				
3. Is there understanding of the implications of use of certain oil spill clean products and the effect they may have on the environment and how their effect may be mitigated/managed				
4. Floating booms		Understand different types of booms and their use and deployment at the end of a drainage system		
4. Drain bungs		In situ and at end of pipes		
5. Uplift of contained product		Using tankers, pumps, use of foul sewer if appropriate. Removal of		

		residues and use of clean up products		
6. Use of spill absorbents		Managing their use to minimise waste		
7. Use of containment methods		Containment trenches, physical barriers, to prevent spread of spill		
8. Handling of contaminated waste products				
9. Management of impacted third parties				

Ability to execute clean up		Guidance - Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy		Score
1. Does the company have adequate trained staff				
2. Does the company have adequate equipment, and what does it have				
3. Does the company have trained site managers/ plant operators/site operatives				
4. Approved sub contractors for disposal, haulage,				

5. Understanding of waste legislation and ability to comply with it		eg audit earlier job		
6. Is a audit waste trail maintained		eg audit earlier job		
7. Is there evidence of success in this field				
8. Letters of commendation/complaint/customer validation		Eg customer validation questionnaire, performance review with clients etc		
9. Independent validation		Eg customer validation questionnaire, performance review with clients etc		
10. Reporting				

Comments:

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Module 2: Freshwater/Inland Water

Demonstrate capability to safely and effectively respond to a spill on an inland waterway.

Typically a spill into freshwater stream, lake, gravel pit etc.

Professional competence				Guidance	Comments
1. How is competence demonstrated?				Qualification of key staff members, experience within sector, case studies	
2. What training and CPD is undertaken by key staff members?				Attendance at events, memberships of relevant trade/professional organisations, continuing education, knowledge base in one or more than on staff members	
3. What training do all staff receive?				External training, in-house training	
4. What incidents has the company dealt with over last three years?				Provide examples	
5. What investment has there been in training, personal development and updating of company procedures in last three years?					
6. What accreditations with other organisations and companies are held?					

Information Gathering and Assessment			Guidance	Comments
1. What survey methods are used			Qualification of key staff members, experience within sector, case studies	
2. How is survey information validated			Attendance at events, memberships of relevant trade/professional organisations, continuing education, knowledge base in one or more than on staff members	
3. How is source/pathway/receptor model established			External training, in-house training	
4. Identification of likely impacts			Provide examples	
5. Understanding of how physical nature of water body will effect choice of remediation strategy.				
6. Understanding of how different pollutants will behave/impact water environments and on uses of water eg abstraction				
7. Understanding of legislative and regulatory controls related to management of incidents involving water, water companies, owners of water and what must be done to comply with these laws.				

Remediation Strategy			Guidance	Comments
1. Understanding of range of options available and the advantages/disadvantages of each			Understand different types of booms and their use and deployment	
2. Ability to directly effectively undertake options:				
3. Deployment of booms			Understand different types of booms and their use and deployment	
4. Building of dams				
5. Building of weirs				
6. Deployment and use of Skimmers				
7. Aeration Physical				
8. Aeration Chemical				
9. Pump and treat			Own Oil Water Separators, GAC	
10. Ability to establish the location specific remediation targets and where to source them				
11. Management of aquatic environment, fish rescue, use of				

foul sewer.				
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Ability to execute remediation strategy			Guidance	Comments
1. Does the company have adequate trained staff			Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy	
2. Does the company have adequate equipment, and what does it have				
3. Does the company have trained site managers/ plant operators/site operatives				
4. Approved sub contractors for disposal, haulage,				
5. Understanding of waste legislation and ability to comply with it			eg audit earlier job, does company have appropriate permits from Environment Agency, SEPA or NIEA	
6. Is an audit waste trail maintained			Eg audit earlier job	
7. Is the evidence of success in this field				
8. Letters of commendation/complaint/customer validation			Eg customer validation questionnaire, performance review with clients etc	

9. Independent validation			Telecom with past customers by auditor.	
10. Reporting				

Comments:

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Module 3: Hazardous and Noxious Substances (HNS) – Note these are proposed contents for a Marine HNS scheme to be agreed between MCA, assessor and principal responders to agree final module accreditation criteria

Demonstrate capability to safely and effectively respond to a spill involving Hazardous and Noxious Substances on an inland waterway.

Professional competence			Guidance	Comments
1. How is competence demonstrated?			Qualification of key staff members, experience within sector, case studies	
2. What training and CPD is undertaken by key staff members?			Attendance at events, memberships of relevant trade/professional organisations, continuing education, knowledge base in one or more than on staff members	
3. What training do all staff receive?			External training, in-house training	
4. What incidents has the company dealt with over last three years?			Provide examples	
5. Does the company have a dedicated HSE management system				
6. Does the company have risk assessments and use job specific risk assessments.				
7. Does the company have an				

established Permit to Work system.					
8. Does the company have a training matrix and hold training records for all staff					
5. What investment has there been in training and personal development in last three years?					
6. What accreditations with other organisations and companies are held?					

Identification of Substances				Guidance	Comments
1. Method of identifying substance from a distance				Eg binoculars	
2. Information boards that can be taken into the incident by responders and chemical information recorded					
3. Have available at all incidents written material including the IMO IMDG code (for incidents on-board ships) 'hazchem cards, hazchem lists, environmental properties and other suitable material					
4. Method of accessing chemical information such as a database (e.g. Chemdata) at incident					

either with hardware at scene or via a communication link					
5. Access to specialist chemical advice (including treatment and disposal issues) by telephone e.g. from a chemist or NCEC					
6. Method and ability to take samples and undertake basic chemical analysis of: Acids & basis Oxidising agents Hydrocarbons A range of gases Others TBC by NCEC					
7. A method of measuring temperatures of the surface of vessels, cylinders etc remotely (e.g. infra-red thermometer)					
8. All equipment must be maintained and tested at intervals recommended by the manufacturer and records kept.					
9. An incident management structure that includes, HNS responders and HNS Incident Commanders					

<p>Responders must have the following knowledge and skills associated with information gathering and analysis.</p>			<p>Guidance</p> <p>Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy</p>	<p>Comments</p>
<p>1. Have an understanding and be able to interpret the UN and IMO system of classification, labelling and marking of packages.</p>				
<p>2. Understand and be able to interpret European and international placarding systems found on shipping units and tank containers.</p>				
<p>3. Have an understanding and be able to interpret shipping data sheets and paperwork associated with hazardous goods/loads</p>				
<p>4. Be able to identify the environmental impact of polluting substances the significance of the likely impact and suitable methods of mitigation.</p>				
<p>5. Be able to use and interpret</p>				

information gathered from placards, labels and information sheets and use hazchem cards, lists and other suitable material to interpret this information.					
6. Be able to use and interpret the IMDG code for use on board ships.					
7. Be able to use and interpret information from a chemical information database and transpose that information into incident plans.					
8. Be trained and be able to use the information retrieval equipment described above.					
9. Incident Commanders must have additionally received command training.					

Company Operational Capability			Guidance Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy	Score
1. Self contained BA for at least two teams (committed crew and emergency team)				
2. Airline breathing apparatus systems if entering into ship structure				
3. Entry control system and emergency response (time of whistle) alert				
4. Chemical protective clothing – liquid tight and gas tight levels				
5. Decontamination facilities with both contain and dilute options				
6. Cleaning and disposal systems for BA & CPC.				
7. Methods and barriers for setting cordons and excluding non-responders				
8. Access to neutralising agents e.g. soda ash				
9. Access to absorbent materials				

for chemicals & oils				
10. Access to sealing putties/devices for damage containment vessels				
11. Ability to supply water spray for cooling or vapour control and control run off. 12. Ability to apply firefighting foam for vapour suppression applications and contain run off				
13. Ability to divert, contain, transfer, block or otherwise prevent or limit the spread from entering drainage systems, inland waters, harbours, coastal waters etc through the use of pollution control equipment/systems e.g. drain mats, pipe blockers, booms, portable tanks etc.				
14. Ability to lift, move and secure contained chemicals in suitable containers for removal (e.g. IBCs or oversize drums etc).				
15. Ability to remove trapped/contained chemicals e.g. from drainage systems, bunkers on the water surface e.g. access to tankers and specialist boats etc				

Individual Training and PPE			Guidance	Comments
1. Wear, and undertake activities in breathing apparatus including air line and chemical protective clothing (not sure if we want to suggest qualification of level of course here?)			Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy	
2. Set up and operate BA entry control facilities and initiate emergency response teams.				
3. Set up and operate suitable decontamination facilities.				
4. Ability to set up and operate water spray and firefighting foam application systems.				
5. Understand the need for and use pollution control equipment and techniques and the impacts of using them e.g. dispersants at sea.				
6. Appreciation of				

environmental risks and priorities				
7. Understand the risk from and how to deal with hazardous waste produced as a result of an emergency incident as well as minimise the production of such waste where possible.				
8. Ability to investigate and report on near miss and actual safety events and take actions based on the investigation findings.				

Post Incident procedures			Guidance	Comments
			Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy	
The following systems, items or material must be available to response teams after the incident				
1. Equipment cleaning and servicing facilities including designated facilities for breathing apparatus servicing.				

2. Contracts for annual certification of breathing apparatus sets and airline.					
3. Systems to either dispose of or effectively clean chemical protective clothing based on a risk assessed approach					
4. Routine and following specific incident exposure medical aftercare and monitoring facilities					
5. Hazardous Waste registration and appropriate permits from the Environment Agency, SEPA or NIEA.					
6. Knowledge of the waste hazardous legal requirements.					

Comments:

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Module 4a :Marine

Demonstrate capability to safely and effectively respond to a spill in salt water environment.
Typically a port, shoreline, coastal water, and tidal seaways.

Professional competence			Guidance	Comments
1. How is competence demonstrated?			Qualification of key staff members, experience within sector, case studies	
2. What training and CPD is undertaken by key staff members?			Attendance at events, memberships of relevant trade/professional organisations, continuing education, knowledge base in one or more than on staff members	
3. What training do all staff receive?			External training, in-house training	
4. What incidents has the company dealt with over last three years?			Provide examples	
5. Does the company have a dedicated HSE management system				
6. Does the company have risk assessments and use job specific risk assessments.				
7. Does the company have an				

established Permit to Work system.					
8. Does the company have a training matrix and hold training records for all staff					
5. What investment has there been in training and personal development in last three years?					
6. What accreditations with other organisations and companies are held?					

Marine Capability				Guidance	Comments
1. Does the company own and operate its own vessel?					
2. What capability do these vessels have: Ocean Offshore to 12nm Inshore					
3. Are these vessels crewed by company staff?					
4. Do these vessels conform to relevant legislation for lifesaving equipment?					
5. Can these vessels deploy and recover booms?					
6. Can these vessels recover contaminated liquid product?					

7. Can these vessels deploy and recover supporting craft eg RIBs				
8. Can these vessels deploy and recover skimming equipment?				
9. Can these vessels deliver dispersants by spray or other means?				

Identification of Substances			Guidance	Comments
1. Method of identifying substance from a distance			Eg binoculars	
2. Information boards that can be taken into the incident by responders and chemical information recorded				
3. Have available at all incidents written material including the IMO IMDG code (for incidents on-board ships) 'hazchem cards, hazchem lists, environmental properties and other suitable material				
4. Method of accessing chemical information such as a database (e.g. Chemdata) at incident either with hardware at scene or via a communication link				
5. Access to specialist chemical				

advice (including treatment and disposal issues) by telephone e.g. from a chemist or NCEC				
6. Method and ability to take samples and undertake basic chemical analysis of: Acids & basis Oxidising agents Hydrocarbons A range of gases Others TBC by NCEC				
7. A method of measuring temperatures of the surface of vessels, cylinders etc remotely (e.g. infra-red thermometer)				
8. All equipment must be maintained and tested at intervals recommended by the manufacturer and records kept.				
9. An incident management structure that includes, HNS responders and HNS Incident Commanders				

<p>Responders must have the following knowledge and skills associated with information gathering and analysis.</p>			<p>Guidance</p> <p>Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy</p>	<p>Comments</p>
<p>1. Have an understanding and be able to interpret the UN and IMO system of classification, labelling and marking of packages.</p>				
<p>2. Understand and be able to interpret European and international placarding systems found on shipping units and tank containers.</p>				
<p>3. Have an understanding and be able to interpret shipping data sheets and paperwork associated with hazardous goods/loads</p>				
<p>4. Be able to identify the environmental impact of polluting substances the significance of the likely impact and suitable methods of mitigation.</p>				
<p>5. Be able to use and interpret information gathered from</p>				

placards, labels and information sheets and use hazchem cards, lists and other suitable material to interpret this information.				
6. Be able to use and interpret the IMDG code for use on board ships.				
7. Be able to use and interpret information from a chemical information database and transpose that information into incident plans.				
8. Be trained and be able to use the information retrieval equipment described above.				
9. Incident Commanders must have additionally received command training.				

Company Operational Capability			Guidance	Comments
			Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy	
1. Self contained BA for at least two teams (committed crew and emergency team)				

2. Airline breathing apparatus systems if entering into ship structure					
3. Entry control system and emergency response (time of whistle) alert					
4. Chemical protective clothing – liquid tight and gas tight levels					
5. Decontamination facilities with both contain and dilute options					
6. Cleaning and disposal systems for BA & CPC.					
7. Methods and barriers for setting cordons and excluding non-responders					
8. Access to neutralising agents e.g. soda ash					
9. Access to absorbent materials for chemicals & oils					
10. Access to sealing putties/devices for damage containment vessels					
11. Ability to supply water spray for cooling or vapour control 12. Ability to apply firefighting foam for vapour suppression applications					
13. Ability to divert, contain, transfer, block or otherwise					

prevent or limit the spread from entering drainage systems, harbours, coastal waters etc through the use of pollution control equipment/systems e.g. drain mats, pipe blockers, booms, portable tanks etc.				
14. Ability to lift, move and secure contained chemicals in suitable containers for removal (e.g. IBCs or oversize drums etc).				
15. Ability to remove trapped/contained chemicals e.g. from drainage systems, bunkers on the water surface e.g. access to tankers and specialist boats etc				

Individual Training and PPE			Guidance	Comments
			Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy	
1. Wear, and undertake activities in breathing apparatus including air line and chemical protective clothing (not sure if we want to suggest qualification of level of course here?)				

2. Set up and operate BA entry control facilities and initiate emergency response teams					
3. Set up and operate suitable decontamination facilities					
4. Ability to set up and operate water spray and firefighting foam application systems.					
5. Understand the need for and use pollution control equipment and techniques and the impacts of using them e.g. dispersants at sea.					
6. Appreciation of environmental risks and priorities					
7. Understand the risk from and how to deal with hazardous waste produced as a result of an emergency incident as well as minimise the production of such waste where possible.					
8. Ability to investigate and					

report on near miss and actual safety events and take actions based on the investigation findings.					
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Post Incident procedures			Guidance	Comments
The following systems, items or material must be available to response teams after the incident				
1. Equipment cleaning and servicing facilities including designated facilities for breathing apparatus servicing.				
2. Contracts for annual certification of breathing apparatus sets and airline.				
3. Systems to either dispose of or effectively clean chemical protective clothing based on a risk assessed approach				
4. Routine and following specific incident exposure medical aftercare and monitoring facilities				

5. Hazardous Waste registration and appropriate permits from the Environment Agency, SEPA, NIEA or MCA.					
6. Knowledge of the waste hazardous legal requirements.					

Comments:

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Module 4b :Marine (Offshore) – Scheme to be agreed between MCA, assessor and principal responders to agree final module accreditation criteria

Module 5 – Groundwater contamination from a recent known spill event

Demonstrate capability to safely and effectively respond to a spill that has impacted groundwater (all water that is below the surface of the ground in the saturation zone and in direct contact with the ground or sub-soil)

Professional competence			Guidance	Comments
1. How is competence demonstrated?			Qualification of key staff members, experience within sector, case studies ie relevant hydro-geological experience	
2. What training and CPD is undertaken by key staff members?			Attendance at events, memberships of relevant trade/professional organisations, continuing education, knowledge base in one or more than on staff members	
3. What training do all staff receive?			External training, in-house training	
4. What incidents has the company dealt with over last three years?			Provide examples	

5. What investment has there been in training and personal development in last three years?					
6. What accreditations with other organisations and companies are held?					

Information Gathering and Assessment			Guidance	Comments
1. What survey methods are used			Check lists, instrumentation eg drilling equipment, interface meters, sample bailers,	
2. How is survey information validated			Internally assessed, externally assessed	
3. How is the hydrological conceptual model and the source/pathway/receptor model established			Would expect a reasonable understanding of how to interpret both models for the site and demonstrate competence in developing the models and drawing conclusions from them.	
4. Identification of likely impacts				
5. Understanding of how physical			Would expect	

nature and use of aquifer will affect choice of remediation strategy.			reasonable understanding of how groundwater flows in different aquifers eg flow in sandstone and fractured media	
6. Understanding of how different pollutants will behave/impact in water environments			Understand difference between Light Non Aqueous Phase Liquids (LNAPL's) and DNAPL's (D- dense) some understanding of retardation and attenuation processes and how different contaminants behave in sub surface	
7. Understanding of legislative and regulatory controls and management of incidents involving groundwater.			Eg key requirement of EPR 2010 with respect to Groudwater	
8. Demonstrate modelling capability			Familiarisation with Contaminate Fate and Transport models	

Remediation Strategies			Guidance	Comments
			Demonstrate the company has the capability, competence and	

			equipment to undertake a proposed strategy	
1. Understanding of range of options available and the advantages/disadvantages of each			Demonstrate knowledge of different remediation schemes; including pros and cons of each in different groundwater/aquifer	
2. Ability to directly and effectively undertake options:				
3. Pump and Treat			Demonstrate technical competence in remediation settings	
4. Air sparging			Demonstrate technical competence in remediation settings	
5. Chemical Treatment			Demonstrate technical competence in remediation settings	
6. Biological Treatment			Demonstrate technical competence in remediation settings	
7. Reactive barriers			Demonstrate technical competence in remediation settings	
8. Physical barriers			Demonstrate technical competence in remediation settings	
9. Well lining				
10. Ability to establish the			Understanding/Knowledge	

location specific remediation targets and where to source them			of technical guidance such as EA's Remedial Targets Methodology	
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Ability to execute remediation strategy			Guidance Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy	Comments
1. Does the company have adequate trained staff				
2. Does the company have adequate equipment, and what does it have				
3. Does the company have trained site managers/ plant operators/site operatives				
4. Approved sub contractors for disposal, haulage,				
5. Understanding of waste legislation and ability to comply with it			eg audit earlier job	
6. Is an audit waste trail maintained			Eg audit earlier job	
7. Is the evidence of success in this field				
8. Letters of commendation/complaint/customer validation			Eg customer validation questionnaire, performance review with clients etc	

9. Independent validation			Telecom with past customers by auditor.	
10. Reporting				

Comments:

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Module 6: Contaminated Soils from Recent spills

Demonstrate capability to safely and effectively respond to a spill that has impacted soils.

Typically a spill that has recently contaminated soils following a **recent known event**.

Professional competence			Guidance	Comments
1. How is competence demonstrated?			Qualification of key staff members, experience within sector, case studies	
2. What training and CPD is undertaken by key staff members?			Attendance at events, memberships of relevant trade/professional organisations, continuing education, knowledge base in one or more than on staff members	
3. What training to all staff receive?			External training, in-house training	
4. What incidents has the company dealt with over last three years?			Provide examples	
5. What investment has there been in training and personal development in last three years?				
6. What accreditations with other organisations and companies are held?				

Information gathering and Assessment			Guidance	Comments
1. What survey methods are used			Check lists, instrumentation eg PIDs,	
2. How is survey information validated			Internally assessed, externally assessed	
3. How is source/pathway/receptor model established			Would expect a reasonable understanding of this linkage, demonstrate competence to assess each linkage and how to assess it.	
4. Identification of likely impacts				
5. Understanding of different soils type in relation to a spill				
6. Understanding impact of different spilled liquids or solids			Eg difference between say milk and hydrocarbons, difference between say coal dust and flour	
7. Understanding of legislative and regulatory controls and management of incidents involving contaminated land.				

Remediation Strategy			Guidance	Comments
1. Understanding of range of options available and the advantages/disadvantages of each			Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy	
2. Ability to directly effectively undertake options:				
3. Dig dump				
4. In situ Bio-remediation treatment				
5. Ex site Bio-remediation				
6. Soil vapour extraction				
7. Natural attenuation				
8. Physical containment/barriers				
9. Chemical treatment				
10. Heat treatment				
11. Soil stabilisation				
12. Ability to establish the site specific remediation targets and where to source them				

Ability to execute remediation strategy			Guidance	Comments
1. Does the company have adequate trained staff			Demonstrate the company has the capability, competence and equipment to undertake a proposed strategy	
2. Does the company have adequate equipment, and what does it have				
3. Does the company have trained site managers/ plant operators/site operatives				
4. Approved sub contractors for disposal, haulage,				
5. Understanding of waste legislation and ability to comply with it			eg audit earlier job	
6. Is an audit waste trail maintained			Eg audit earlier job	
7. Is the evidence of success in this field				
8. Letters of commendation/complaint/customer validation			Eg customer validation questionnaire, performance review with clients etc	
9. Independent validation			Telecom with past customers by auditor.	

10. Reporting					
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Comments:

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Module 7: Tanker Rollover

To safely and competently deal with the immediate consequences of a tanker rollover. Ability to undertake immediate action to prevent further spillage, containing product already lost, conducting an environmental risk assessment, recovering products within the tanker and product that has been lost.

Professional competence			Guidance	Comments
1. How is competence demonstrated?			Qualification of key staff members, experience within sector, case studies	
2. What training and CPD is undertaken by key staff members?			Attendance at events, memberships of relevant trade/professional organisations, continuing education, knowledge base in one or more than on staff members	
3. What training do all staff receive?			External training, in-house training	
4. What incidents has the company dealt with over last three years?			Provide examples	
5. What investment has there been in training and personal development in last three years?				
6. What accreditations with other organisations and companies are held?				

7. Does the company have a dedicated HSE management system?					

On site Health and Safety Assessment				Guidance	Comments
1. What method statements and risk assessment are in place				Eg generic which is modified to be job specific	
2. How are risks to own staff and members of the public assessed					
3. How are on site HSE decisions validated and approved					
4. How is on site work managed					
5. What tanker access techniques are available and how are they practised.					
6. What CPD is conducted to ensure safe access to all types of tanker in current use.					
7. How are products on board tanker identified?					
8. How are risk of products accessed?				Eg access to MSDS and COSHH assessments	
9. Method of accessing chemical information such as a database eg CHEMDATA.					

Information Gathering and Assessment			Guidance	Comments
1. What methods are used to establish environmental setting			Check lists, eg site walk around	
2. How is source/pathway/receptor model established			Would expect a reasonable understanding of this linkage, demonstrate competence to assess each linkage and how to assess it and apply it	
3. Identification of likely impacts to the environment; water, animals, human, etc				
4. Knowledge of highway/rail drainage systems. Understand of role and capabilities of Highways Agency/Highway Authority				
4. How is the vehicle lying and how it will dictate the product recovery operation				

Product recovery			Guidance	Comments
			Demonstrate the company has the capability, competence and equipment to undertake the product recovery	
1. Understanding of range of				

options available and the advantages/disadvantages of each					
2. Availability of pollution containment equipment eg land booms, drain mats, absorbents, overdrums etc				Understand different types of booms and their use and deployment	
3. Ability to effectively undertake operation:					
4. Availability of intrinsically safe pumping equipment					
5. Availability of dip tube adaptors					
6. Availability of rollover containment bath					
7. Availability of emergency for transfer pump					
8. Availability of earthing wires					
9. Availability of holding tank for recovered product					

Comments:

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