



AA Turner – Task based risk assessment

Site AA Turner

Equipment and RA No: RA 002

Date 11.12.19

Review Date: 14.05.2023

Setting the scene: This risk assessment deals with the use of a road tanker to provide tankering, including discharging services. Arrival on site, report to client. If required the operator(s) will attend site induction, obtain permits and perform toolbox talks before commencing work.

Health and Safety consequences

Potential Severity

- 1 = Negligible
- 2 = Slight – Minor Injury
- 3 = Moderate - Serous Injury
- 4 = High - Serious Injuries
- 5 = Very High – Fatality Potential

The 'Risk Factor' & Residual Risk' are determined by the following calculation: Likelihood X Severity = Risk Rating

Probable Likelihood

- 1. Very Unlikely
- 2. Unlikely
- 3. Possible
- 4. Likely
- 5. Very Likely

- 1 – 4 **Care**
- 5 – 9 **Caution**
- 10 – 14 **Alert**
- 15 – 25 **Stop**

		Potential Severity				
		1	2	3	4	5
Probable Likelihood	1	CARE	CARE	CARE	CARE	CAUTION
	2	CARE	CARE	CAUTION	CAUTION	ALERT
	3	CARE	CAUTION	CAUTION	ALERT	STOP
	4	CARE	CAUTION	ALERT	STOP	STOP
	5	CAUTION	ALERT	STOP	STOP	STOP

Activity	What are the hazards?	Who might be harmed and how?	What is already being done?	Initial Risk Rating	What further action is required?	Revised Risk Rating	Action by whom and when?
Agree scope and location of work area with the client.	Weather conditions	Operator and site staff Reduced visibility, ice formation. Severe injuries, fractures, abrasions and other minor injuries	Weather sensitive work is planned to avoid periods when the weather will have a detrimental effect on work activity to enable periods of high risk to be avoided.	Care	None identified	Care	



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<p>Position the tanker and other equipment in the work area.</p> <p>Establish safe working area</p>	<p>Ingestion of fumes</p> <p>Slips, Trips and Falls</p> <p>Lone working</p>	<p>Operator and site staff</p> <p>Fractures, dislocations, cuts abrasions, Operator and site staff.</p> <p>Fatalities, severe injuries, fractures, abrasions,</p>	<p>Positioning the vehicle with exhausts facing away from work area.</p> <p>Barriers and signage used to create exclusion zone around the work area.</p> <p>SOP requirement states operators to observe and have an awareness of solid obstacles around site, to avoid walking backwards, to keep work area, especially egress routes, clear of materials and equipment, including hoses etc. Re-check the ground area of work before moving off and carry out the “Dynamic” risk assessment.</p> <p>SOP includes detailed lone working arrangements.</p>	<p>Care</p>	<p>Ensure all vehicles are fitted with work zone barriers.(Completed)</p> <p>Introduce recorded ‘dynamic’ risk assessment process</p> <p>Lone working procedure to be developed once the process has been defined.</p> <p>Investigate whether Purgo can be configured to provide confirmation of drivers welfare (Completed, Purgo at this cannot record lone working, but will be developed)</p>	<p>Care</p>	<p>Garry West/Daniel Cox</p> <p>Tim Day/Daniel Cox</p>
<p>Assemble the hoses and tighten the connectors.</p>	<p>Manual Handling</p>	<p>Operator and site staff</p> <p>Musculoskeletal injuries, strains and sprains, disabilities in later life</p>	<p>Hoses handled by trained and competent staff,</p>	<p>Care</p>	<p>Toolbox talk on manual handling techniques on handling hoses.</p>	<p>Care</p>	<p>Tim Day/Daniel Cox</p>
<p>Remove any covers or man lids</p>	<p>Manual Handling</p>	<p>Operator and site staff</p> <p>Musculoskeletal injuries, strains and sprains, disabilities in later life</p>	<p>Covers or man lids handled by trained and competent staff,</p> <p>Barriers to be erected around</p>	<p>Care</p>	<p>Toolbox talk on manual handling techniques on handling covers and man lids</p> <p>Provided barriers and signage</p>	<p>Care</p>	<p>Tim Day/Daniel Cox</p> <p>Tim</p>



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			openings.		for each tanker. (Completed) Basic tool kit for each tanker, hammer, 2 flat head screwdrivers, long and short, manhole lifting hooks crowbar. (In progress)		Day/Daniel Cox Tim Day/Daniel Cox
Establish a safe working process including mode of communications with other operators working on the Job	Lack of communication particularly at distance.	Operator and site staff Injuries from jetting, property damage	Operators in the team to agree a method of communication using hand signals when required and if required.	Care	Toolbox talk on working at height.	Care	Tim Day/Daniel Cox
Tanker suction activity.	Noise Chemical/ Biological/environmental	Operator and site staff Hearing damage, short and long term. Irritant, burns, infection	Barriers and signage are used to provide clear exclusion zone. All operators wear the hearing protection provided. Vehicles are constructed in accordance with current vehicle manufacturing guidelines. Only the operator allowed in immediate area of work. All operators to wear eye protection, and follow the safe operating procedure. Protective gloves and eye protection are worn at all times	Care	Measure Db levels when in operation mode. Review PPE based on information recorded. (Completed. The average reading across the fleet of tankers was recorded at 91Db at 2M from source. AAT have been issued disposable ear plugs that are stored in AAT office) Thermal gloves required for cold working conditions.	Care	Tim Day/Daniel Cox Tim Day/Daniel



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	Exposure to hazardous substances	Toxic effects of hydrogen sulphide.	<p>when dealing with liquid waste Operatives are made aware of hazards and symptoms relating to the materials to be handled. Good hygiene practises are adhered to with hand washing facilities to be made available, if possible on all units. Check s are made with client (via office) regarding the contents of material prior to work commencing.</p> <p>Atmospheric monitoring carried out throughout the duration of the task using personal gas monitor</p>		<p>(Completed)</p> <p>Staff to be issued with GP letter on Weils Disease information.</p> <p>Provide First aid kit for each tanker. (Completed)</p> <p>Evaluate the risk and purchase personal monitor for all driver/operators if required.</p>		<p>Cox</p> <p>Tim Day/Daniel Cox</p> <p>Tim Day/Daniel Cox</p> <p>Tim Day/Daniel Cox / Allen Smith</p>
On completion of the job dismantling of the equipment	Manual Handling Slips trips and falls	Operator and site staff Musculoskeletal injuries, strains and sprains, disabilities in later life. Fractures, dislocations, cuts abrasions,	<p>Hoses handled by trained and competent staff,</p> <p>SOP requirement states operators to observe and have an awareness of solid obstacles around site, to avoid walking backwards, to keep work area, especially egress routes, clear of materials and equipment, including hoses etc. Re-check the ground area of work before moving off and carry out a “Dynamic” risk assessment.</p>	Care	None identified	Care	NA
Clean and store hoses, barriers signage etc. on	Manual Handling	Operator and site staff Musculoskeletal injuries, strains and	Hoses handled by trained and competent staff.	Care	Toolbox talk on manual handling techniques on handling hoses.	Care	Daniel Cox



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the vehicle.		sprains, disabilities in later life					
Incorrect Discharge	Environmental Pollution,	Operator and site staff Personal injury where flooding may occur.	SOP requirements state discharge must not take place without proper authority. Driver has Transfer Note or other documentation on the vehicle.	Care	Spillage kit/mats for each tanker. (Completed, spares are stored in the CSH transport office)	Care	Tim Day/Daniel Cox

Reviewed by: D Cox

Date: 15.05.2022