

Risk Assessment

RA034 - Draining of Rig Fuel Tank into a Bunded Tank on Site



ABI Equipment Ltd	Creation Date: 25/02/16
Draining of Rig Fuel Tank into a Bunded Tank on Site	

Main Hazards are:	
Fuel Spill	Slip Hazard
Fire Hazard	
Persons / Property affected	
Person draining the tank	Site staff in the vicinity
Visitors	General Public

Assessment of Risk:	Severity	4	X	Likelihood	4	= Risk	16
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Control Measures already in Place	PPE Required
1. Ensuring the bunded tank is a minimum of 110% of the fuel to be transferred	Safety helmets <input checked="" type="checkbox"/>
2. Area to be cleared of personnel before the draining starts	Hi-Vis Jackets <input checked="" type="checkbox"/>
3. All sources of heat and ignition to be removed from the area.	Safety footwear <input checked="" type="checkbox"/>
4. Weather conditions to be checked, including wind speed, temperature and likelihood of rain before the draining starts	Eye protection <input checked="" type="checkbox"/>
5. Deliveries and collections and other equipment movement timing to be taken into account before the activity starts.	Dust masks <input type="checkbox"/>
6. Spillage kits to be ready for use	Ear plugs <input type="checkbox"/>
7. Gloves and Safety Glasses to be worn	Earmuffs <input type="checkbox"/>
8. Fire extinguishers to be available	Gloves <input checked="" type="checkbox"/>
9. Engine to be off and ignition in auxiliary and keys removed	Protective overalls <input checked="" type="checkbox"/>
	Gauntlets <input type="checkbox"/>
	Harnesses <input type="checkbox"/>
	Breathing apparatus <input type="checkbox"/>
	Face masks <input type="checkbox"/>

Assessment of Risk:	Severity	4	X	Likelihood	2	= Risk	8
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Additional Controls required	PPE/Equipment
Second person to assist as observer to ensure no equipment or personnel enter the area.	
Sufficient time to be allowed for the task so additional care can be taken	
Spillage kits and fire extinguishers to be easily accessible	
The employee must be adequately trained and competent to operate in the area in which they are to work.	
Newly trained staff should be supervised until a suitable level of competency has been achieved.	

Assessment of Risk:	Severity	3	X	Likelihood	2	= Risk	6
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Approval and Review		
Prepared by:	Cathy Sheehan	25/02/2016
Updated by	Ash Soliman	27/09/2024
Review by:	Ash Soliman	27/09/2024

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RISK RATING = L x S			Hazard Severity (S)				
			1	2	3	4	5
			Negligible	Slight	Moderate	High	Very High
Likelihood (L)	1	Very Unlikely	LOW	LOW	LOW	LOW	LOW
	2	Unlikely	LOW	LOW	LOW	MEDIUM	MEDIUM
	3	Possible	LOW	LOW	MEDIUM	HIGH	HIGH
	4	Likely	LOW	MEDIUM	HIGH	HIGH	HIGH
	5	Very Likely	LOW	MEDIUM	HIGH	HIGH	HIGH

Likelihood	
1. Very Unlikely	A freak combination of factors would be required for an accident/incident to occur
2. Unlikely	A rare combination of factors would be required for an accident/incident to occur
3. Possible	Could happen when accidental factors are present but otherwise unlikely
4. Likely	Not certain to happen but an additional factor may result in an accident/incident
5. Very Likely	Almost inevitable that an accident/incident would occur
Hazard Severity	
1. Negligible	Negligible injury, no absence from work
2. Slight	Minor injury requiring first aid
3. Moderate	Injury leading to a lost time accident
4. High	Involving a single person with a serious injury / death
5. Very High	Multiple persons with serious injury / death
Outcomes	
LOW	Score (1-6) May be acceptable. Annual Review to see if risks can be reduced further
MEDIUM	Score (8-10) Identify controls must be identified or specific method statement required
HIGH	Score (12-25) Task must not proceed. Senior Management to consider if the risks can be reduced by purchase of additional training, additional equipment, additional staff, additional signage, safe system of work, permit to work or radical changes in method.

Version Number	RA034-0822-2.0
Document location	M:\Health & Safety\Risk Assessments
Prepared by	Cathy Sheehan
Reviewed by	Ash Soliman
Next review Date	September 2027