

# RISK ASSESSMENT

Company Name: DOWSE HAULAGE	Date: 17-12 -15	Review Date: 17- 12-16	Assessment No: 17 1 of 3
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Assessor: Paul Mansfield      Task: Working inside Tanks (Confined Space)

No.	Significant Hazards  (STEP 1)	People Affected  (STEP 2)	Existing Controls  (STEP 3)	Level of Risk  (Likelihood \ Severity)			Further Action  Required List further action required to control significant risks. If there is lots to do, make an action list.  (STEP 4)
				High	Med	Low	
01	Falls and trips from height whilst climbing or standing on top of tank	Maintenance Staff Drivers Contractors	Safety Harness worn whilst on top of tank.			\	
02	Dust inhalation		Second man in attendance outside of Tank.				
03	Lack of Oxygen due to fumes from Welding / Burning or from exhaust fumes from nearby vehicles. Water in contact with Chalk or Limestone produces Carbon Dioxide gas which displaces normal air. Mechanical ventilation may be necessary to ensure adequate supply of fresh air		Trained and appointed persons to enter tank.				
04	Burns / Irritation can be caused by mixture with Lime dust and perspiration.		Emptied and Cleaned before entry Open all Man lids for ventilation. Dust mask supplied Suitable PPE to be worn. Running water nearby			\ \	

## Action Timescale Guidelines

**High Risk** – Action Immediately

**Medium Risk** – Action within 2 Months

**Low Risk** – Re-assess after next review

Assessor: Paul Mansfield

Task: Working inside Tanks (Confined Space)

No.	Significant Hazards  Look only for hazards which you could reasonably expect to result in significant harm e.g. slips/trips, work at height, falling objects, vehicles, electricity etc.  (STEP 1)	People Affected  List groups of people who may be at risk e.g. maintenance staff, contractors, cleaners, public etc  (STEP 2)	Existing Controls  List controls that are already in place to control the risk e.g. physical safeguards, training, personal protective equipment etc.  (STEP 3)	Level of Risk  Decide on the level of risk remaining.  (Likelihood \ Severity)			Further Action  <b>Required</b> List further action required to control significant risks. If there is lots to do, make an action list.  (STEP 4)
				High	Med	Low	
05	Excessive Heat. The presence of elevated (or rising) temperatures will exacerbate the exhausting effects of strenuous work, and increase the possibility of fire or explosion, or increase the generation of toxic fume or vapour.	Maintenance Staff Drivers Contractors	Ladder to be used when entering tank.  Safety Harness supplied, lifeline attached should be fixed to a point outside the tank			\	
06	Hot Conditions leading to a dangerous increase in body temperature		No ignition sources to be taken into tank.			\	
07	Explosion, Biological or chemical processes can also cause the oxygen concentration in a confined space to rise. If this is coupled to the presence of flammable or explosive gases ( <b>or dust</b> ) and a source of ignition, then there is a real risk of a fire or explosion.		Regular breaks to be taken in hot conditions  No Smoking or running vehicles in vicinity of open tank  No welding/burning to be performed on Tank unless totally purged and cleaned of any product.			\	

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				High	Med	Low	
08  09  10	Machinery being used may need special precautions such as Dust extraction for a portable grinder or special precautions against electrical shock,  Emergencies	Maintenance Staff  Drivers  Contractors	Low voltage tools (typically less than 25v)  Specially protected lighting, where necessary,  Residual current devices.  First Aid on site.  Emergency contact numbers and route to hospital on notice board.			\	Consider the use of Non sparking tools

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