

RISK ASSESSMENT – Offloading and onsite movement of underground rainwater harvesting tank

WARNING: This is an example only. Only general processes have been considered; individual and site specific hazards should be identified and addressed

Assessment carried out by:	Position:
Signature:	Date of assessment:
Project:	Project address:

Process	Existing control measures	Further control measures needed	By whom	By when	Done
Lifting tank from delivery vehicle	<ul style="list-style-type: none"> • Only briefed and authorised operatives to be involved • Locality to be cleared (of people and materials), and suitable for downloading • Only the unloading team to be in the proximity of the tank, and are to be kept well clear of it unless the tank is at rest in a stable and unsupported position • Suitable lifting machinery to be used • Tank to be empty of water or other liquid • Suitable lifting chains and D shackles to be used (if tank fitted with lifting eyes) and properly secured to the lifting eyes • If no lifting eyes, suitable lifting straps (and spreader bar if appropriate) to be used, and properly attached to the tank • 5m long steady ropes to be fitted to the chains/straps, and manned • Test lift to be performed and centre of gravity of the tank stabilised in relation to the centre of lift • If tank is not lifting level, chains/straps to be adjusted accordingly 				

Process	Existing control measures	Further control measures needed	By whom	By when	Done
	<ul style="list-style-type: none"> • Once the tank can be lifted level and without swing, it can be moved clear of the delivery vehicle. • Once clear of the vehicle the tank is lowered to a ground clearance of c400mm 				
Moving tank to its installation location	<ul style="list-style-type: none"> • Only briefed and authorised operatives to be involved • Route of movement to be cleared of (of people and materials), and suitable for passage (i.e. relatively level and with adequate space • Tank to be moved at slow walking pace, stabilised throughout using the steadying ropes • Once at the location site, the tank to be lowered to the ground and chocked/stabilised, or installed in accordance with the tank installation risk assessment and method statement 				