

USSL Risk Assessment

Risk Assessment No		78	Activity		Topping up vehicle coolants		Locations	Site / Yard / Garage / Workshop			
Assessment Undertaken by		M. Watson	Assessment Date		Jun-17		Review Date	1/6/18			
Risk Ratings											
Persons at risk (PAR)		Severity / Harm Rating (S)				Likelihood (L)					
E	Employees / Contractors	1	Negligible injury or no injury				1	Extremely unlikely to occur at any time			
P	Members of Public	2	Minor injury requiring First Aid				2	A rare combination of factors would be required for an incident to occur			
V	Visitors	3	Lost time injury				3	Could happen, but considered unlikely under normal circumstances			
C	Clients	4	Single serious injury or single death				4	Not certain, but an additional factor may result in an incident			
		5	Multiple deaths and or serious injuries				5	Almost inevitable that an incident will result - Highly likely to occur			
Tolerance rating											
15 - 25		DANGER - Task/activity should not proceed. Further control measures are to be put in place to reduce risk. When in place the level of risk should be re-assessed for adequacy before the work recommences.									
7 - 14		SIGNIFICANT RISK is attached to this task/activity. Look critically at ways of reducing the level of risk to a more tolerable level by improving existing control measures or by introducing new controls.									
1 - 6		TOLERABLE RISK - Consider if risk is "as low as reasonably practicable", If not try to reduce risk further by improving control measures. Keep under review and continue with task/activity, but with caution									
NB. Full PPE will be utilised as a matter of course during any works undertaken											
Initial Assessment No controls						Risk Mitigation Measures					
Item No	Hazard Identification	PAR	S	L	Score	Control Measures	S	L	Revised Score	Risk Acceptable	
1	Topping up a vehicle coolant involving the removal of the radiator cap. Scalding, eye injuries and contamination of skin with antifreeze	E	4	4	16	Any employee required to check or top up vehicle coolants will be made aware of a safety procedure. If engine coolant comes into contact with the skin employees are instructed to wash the area of skin as soon as it is practicable. Safety rules in respect of topping up coolant are as follows:- Never fill a hot radiator with cold water, let it cool down and fill it with warm water. Never stand or allow any other person to stand in front of the radiator cap while releasing the pressure. If topping up a radiator that has overheated, when the pressure has subsided or the radiator has cooled the cap or top needs to be released using appropriate materials to ensure that the hand and arm are protected. Turn the cap slowly just enough to let the pressure escape. After the pressure has escaped remove the cap slowly, as there may still be some backpressure.	4	1	4	Yes	