

USSL Risk Assessment

Risk Assessment No		70	Activity		General Vehicle Maintenance		Locations		Garage / Workshop			
Assessment Undertaken by		M. Watson	Assessment Date		Jun-17		Review Date		1/6/18			
Persons at risk(PAR)		Severity / Harm Rating(S)				Risk Ratings					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	Hazardous substances Contact with used engine oil etc during servicing. Skin contact over a long period can lead to severe dermatitis and skin cancer.	E	4	4	16	Nitrile gloves supplied and used Garage overalls supplied and used Contract for regular cleaning of overalls Workers informed to clean hands thoroughly and use skin creams provided after contact with hazardous substances Supervisor to start keeping a check that gloves are being used Risks from dermatitis and skin cancer to be explained to workers	4	1	4	Yes		
2	Car engine running inside, toxic exhaust fumes, eg carbon monoxide	E	4	5	20	Keep Workshop well ventilated when working with engines running Exhaust attached to extractor system when engine is running Extractor system maintained and tested to prevent leaks Training for workshop personnel on ventilation requirements	4	1	4	Yes		
3	Fire Petrol and LPG fires	E	4	5	20	Fire alarms maintained and tested by manufacturer Extinguishers provided and inspected under contract Special fire exits not needed as all work areas have immediate access to outside Fuel retriever used to empty vehicle fuel tanks outside Spillages cleared immediately Workers trained in hazards of LPG Fire risk assessment has been done, and any necessary action taken.	4	1	4	Yes		
4	Battery charging	E	3	4	12	Proprietary charger, installed by electrician, is used in accordance with instructions Acid-resistant gloves and goggles supplied and used	3	2	6	Yes		
5	Electric ShockElectrical equipment Portable appliances, hand lamps.	E	4	5	20	Low voltage 24 V hand lamps used Residual current device (RCD) built into main switchboard. A few 240 V tools are used. All have industrial plugs and leads Testing carried out annually on all portable 240 V tools and workers are trained to carry out pre-use visual checks and report defects Safety checks of the electrical equipment and installations are carried out to ensure that equipment continues to be safe. Where necessary this is done by a competent electrician	5	1	5	Yes		
6	Mechanical equipment Use of grinding equipment	E	3	4	12	All mechanical equipment checked before use and faults reported to supervisor Equipment not to be left running unattended Guarding provided Ear defenders and safety goggles provided and worn. Grinding wheels changed by trained person	3	2	6	Yes		
7	Falling objects Car lift failure or car jack failure	E	4	5	20	Car lifts and jacks serviced by supplier and inspected by insurers every 6 months Jacks only used where ground conditions are firm, stable and level. Once vehicle lifted, axle stands used Axle stands regularly maintained and inspected Safe working loads not exceeded	4	1	4	Yes		
8	Compressed air Explosion of equipment tyres	E	4	5	20	All workers trained in safe working procedures and dangers of horseplay Airline has deadman's handle System inspected and serviced every year by insurers	4	1	4	Yes		
9	Handling vehicle air bags	E	3	4	12	Units are stored in suitable cabinet of their own Workers are trained in correct handling and fitting Faulty units are returned to supplier for disposal	3	2	6	Yes		
10	Manual handling Movement of components	E	3	4	12	Drivers / operatives are trained in manual handling techniques, and MUST handle objects as trained. Walkways are provided in order to reach high parts of the vehicle. Heavy objects risk assessed seperately and mechaical aids used.	3	2	6	Yes		
11	Vehicle movements	E	4	5	20	Safe parking provided for customers without need for reversing Marked walkways for pedestrians Vehicles driven slowly around premises Workers ensure that cars being manually pushed always have a person seated at the wheel, to keep the vehicle under control	4	2	8	Yes		
12	Working at height	E	3	4	12	Appropriate access equipment is provided for work on trailers and tops of commercial vehicles Handrails fitted at edges of raised storage areas and access stairway provided Workers are competent to use ladders where appropriate Vehicle inspection pits clearly marked and covered when not in use	3	2	6	Yes		
13	Eye injury from dislodged Materials	E	4	4	16	Drivers Must wear PPE - Eye protection.	4	1	4	Yes		
14	Slips and trips Doorways (rain), spillages, uneven surfaces	E	4	4	16	Always be aware of wet slippery surfaces and discarded waste. Wear PPE, boots to give good grip and always keep a balanced secure footing. Walk slowly and watch where you tread. Wash area to be kept clear, and the hose to be stored away after use. Wash area is well lit and the lights are routinely maintained.	4	1	4	Yes		
15	Inexperience	E	4	3	12	All drivers / operatives to be trained to follow Safe Operating Procedure. (SOP).	4	1	4	Yes		