## **USSL Risk Assessment**

tem No Hazard Identification PAR S L Score Control Measures S L Score Accept  Always remove the battery from the vehicle, disconecting the nagative lead first and reconecting it last to avoid a short circuit to the chassis or bodywork. Ensure batteries are always handled in a well ventilated area. Use extraction equipment where provided. Check that the charger is switched off before connecting or disconecting the terminals. Check that the terminals are clean and that connections (especially "crocodile clips") are tight. Provide plenty of clean water to wash off any spilt acid. Never handle batteries near naked flames, lighted		Risk Assessment No	81		Activity		Changing Vehicle	Batteries I	ocations		Gararge	/ Workshop		
Persons at risk (PAR) Employees/ Contractors 1 Negligible injury or no injury 1 Extremely unlikely to occur at any time PMembers 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 Cilients 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 injury adequacy before the work recommences.  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.  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.  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 via 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  S L Revised Risk or bodywork.  Accept Aways remove the battery from the vehicle, disconecting the nagative lead first and reconecting it last to avoid a short circuit to the chassis or bodywork.  Burns  Chemical exposure  E 4 4 4 Score  Chemical exposure  Explosion  E 4 4 4 Score  Chemical exposure  E 5 A 4 4 Score  Chemical exposure  Explosion  Metal flore and  Metal flore	Assessn	ment Undertaken by	. Watson	Assessment Date				Re	Review Date		1/6/18			
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Visitors 3 Lost time injury 5 Single sections injury or single death 4 Single serious injury or single death 4 Source trains, but an additional factor may result in an incident of Multiple deaths and or serious injuries 5 Almost inevitable that an incident will result - Highly likely to occur Tolerance Taling 1 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.  15-25 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.  16-6 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 viask/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  Initial Assessment No controls  Risk Mitigation Measures  S L Revised Risk core and a reconcerting it last to avoid a short circuit to the chassis or bodywork. Ensure batteries are always handled in a well verbillated area. Use extraction equipment where provided.  Check that the charger is switched off before connecting to extraction equipment where provided.  Check that the charger is switched off before connecting or disconcercing it terminals. Check that the terminals are clean and that connections (especially "cococide clips") are tight. Provide plenty of clean water to wash off any spit acid. Never handle batteries near naked flames, lighted clips") are tight. Provide plenty of clean water to wash off any spit acid. Never handle batteries near naked flames, lighted clips") are tight. Provide plenty of clean water to wash off any spit acid. Never handle batteries near naked flames, lighted clips") are tight from example.  1 Chemical exposure E 4 4 1 1 4														
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Notes: There are two main risks when battery charging. First, battery acid gives off hydrogen which is easily ignited and explosive. Second, the acid itself can cause serious burns to skin and eyes if it is spilt. Always take precautions when filling of diluting a battery. Do not use battery discharge testers immediately after charging when false readings are given. Keep crocodile clips clean and free from corrosion and, except for the contact surfaces, insulated. Clean battery terminals before fixing charging clips.