



<p align="center">RISK RATING</p> <p align="center">1 HIGH</p> <p align="center">2 MEDIUM</p> <p align="center">3 LOW</p>	<p align="center">SAFE WORK METHOD STATEMENT</p> <p>Title: : Battery Charger Operation</p> <p>Ref No: 1</p>	<p>I approve the use of this Safe Work Method Statement:</p> <p>NAME: _____ POSITION: Department Manager</p> <p>SIGNATURE: _____ DATE: ___/___/___</p>
		<p>Depot: CHARGING A BATTERY</p>
<p>Critical Steps in this Activity:</p>	<p>Potential Hazards:</p>	<p>Safety Controls:</p>
<ul style="list-style-type: none"> • Prepare for job • Make sure work area is clean • MEDIUM 	<ul style="list-style-type: none"> • Unstable / uneven surface • Unauthorized personal • Flames Sparks near battery • Fuel • Explosion • Gas • Battery acid 	<ul style="list-style-type: none"> • Clear bench area of debris • Clear area of unauthorized personal • Always keep flames, matches, lighter. Cigarettes or other ignition sources away from battery • DO NOT put flammable material on or under charger • DO NOT • Use near petrol vapors • Be sure area around battery is well ventilated before and during charging process • NEVER charge in a closed – in or restricted area • Always wear complete eye protection (that protects eyes from all angles) • If battery acid contacts skin or clothing wash immediately with soap and water • If acid enters eye, immediately flood eye with cold running water for at least fifteen (15) minutes and get medical help
<ul style="list-style-type: none"> • Remove jeweler • LOW 	<ul style="list-style-type: none"> • Short circuit 	<ul style="list-style-type: none"> • Always remove personal metal items (rings, bracelets, necklaces also watch) when working with a battery. A short circuit through one of these can melt it causing a serve burn

<ul style="list-style-type: none"> • Check electrical Leads • MEDIUM 	<ul style="list-style-type: none"> • Faulty Leads 	<ul style="list-style-type: none"> • Check leads are tagged
<ul style="list-style-type: none"> • Remove battery caps and check water • MEDIUM 	<ul style="list-style-type: none"> • Explosive gas 	<ul style="list-style-type: none"> • Add water to each cell until battery acid covers plates to help purge extra gas from cells • DO NOT overfill, battery acid expands during charge • For battery without removable caps (maintenance free battery) Carefully follow manufacturer's instructions on charging
<ul style="list-style-type: none"> • Replace caps • MEDIUM 	<ul style="list-style-type: none"> • Explosive gas 	<ul style="list-style-type: none"> • Charge battery with caps in place
<ul style="list-style-type: none"> • Clean battery terminals • MEDIUM 	<ul style="list-style-type: none"> • Battery acid 	<ul style="list-style-type: none"> • Battery posts may have acid corrosion, DO NOT get corrosion in eyes. Wear complete eye protection and avoid touching eyes while working near battery
<ul style="list-style-type: none"> • Connecting charger to battery • If charger has switch with OFF position, it MUST be set to OFF 		
<ul style="list-style-type: none"> • AC power cord MUST be unplugged 		
<ul style="list-style-type: none"> • Charging battery in vehicle • Connect POSTIVE (RED) charger clip to POSTIVE post of battery • Connect NEGATIVE (Black) charger clip to car frame or engine block away from battery • LOW 	<ul style="list-style-type: none"> • Battery Explosion 	<ul style="list-style-type: none"> • DO NOT connect negative to carburetor, fuel lines or sheet metal body parts. Connect to a heavy metal part of the frame or engine block • DO NOT face battery when making final connections

<ul style="list-style-type: none"> • Charging battery outside vehicle • Turn off all accessories in vehicle • Remove grounded terminal (connected to vehicle frame) from battery first • Place battery in battery charger enclosure • Attach a jumper cable or a 6 gauge (AWG) insulated battery cable at least 24 inches long, to NEGATIVE battery post • Connect POSITIVE (RED) charger clip to POSTIVE post of battery • Connect NEGATIVE (BLACK) charger clip to free end of cable • LOW 	<ul style="list-style-type: none"> • Short circuit • Manual handling • Battery explosion 	<ul style="list-style-type: none"> • Make sure tools DO NOT touch, posts or battery posts or battery posts and vehicle metal parts • DO NOT drop a tool on battery • Lift to own strength • Use correct lifting technique • When making connection position yourself and free end of cable as far away from battery as possible • DO NOT face battery
<ul style="list-style-type: none"> • Turning the charger on • If equipment with voltage switch, set switch to voltage of battery being charged (6,12,24 Volt) • If equipment with rate switch set switch for charge rate desired (2,, 6, 12, 24 amps) • If equipment with timer, set to charge time desired • Plug the AC cord in a grounded outlet and switch ON • Set the selection switch on Charger to ON • LOW 	<ul style="list-style-type: none"> • Battery Explosion 	<ul style="list-style-type: none"> • Stand away from battery

<ul style="list-style-type: none"> • Turning the charger OFF • Set the selector switch to OFF • Switch OFF the AC outlet and unplug cord • Remove charger clip connected to car frame. If charging outside a vehicle, remove clip connected away from battery • Remove clip connected to battery post • Finish job – clean up • LOW 		
<ul style="list-style-type: none"> • Fill cells with water to level specified by battery manufacturers • Clean top of battery thoroughly after charging • Replace battery in vehicle (if charging outside) • Clean clips and store charger in a dry place • LOW 	<ul style="list-style-type: none"> • Battery Acid • Manual handling 	<ul style="list-style-type: none"> • Wear complete eye protection • Battery posts have acid corrosion • DO NOT get in eyes. Wear complete eye protection and avoid touching eyes while working near battery • Lift to own strength • Use correct lifting technique

License/Training	List Plant-Equipment
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Work Activity Induction	<i>Battery Charger, Leads, Battery</i>
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List: /Personal Protective Equipment required for this Activity	List Equipment Maintenance Checks required for this Activity	Engineering Certificates	Hazardous Substance
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<i>Hi visibility clothing</i> <i>Ear Protection</i> <i>Long Sleeve Shirt</i> <i>Long Pants</i> <i>Safety Boots</i>	<i>Battery charger</i> <i>Electrical leads</i>	Type	Type <i>Acid</i>
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Duties & Responsibilities

To ensure the safety of co-workers and general public. To report all incidents and near misses to team leader. Ensure equipment is in safe working order. Perform safety checks of equipment
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