



Technical Bulletin No: 19-2015

Title:	110v Extension Leads for MEWP Charging		
Priority	Red – Audit Rating: Non-Conformance-Major		
Legislation:	PUWER, HASWA S6, E@WR		
Brief Description:	110v extension leads used for MEWP charging require pre-use checks and frequent tests as per other electrical items.		
Equipment Affected:	Extension leads and cables used for charging Mobile Elevating Work Platforms - MEWPs		
<p>During SafeHire audits it has been identified that charging leads used for charging MEWPs (mainly scissor lifts) are in poor condition and damaged due to being driven over, water ingress and other damage.</p> <p>Many leads are on a test frequency for Combined Inspection and Test (PAT) of 12 months. Review risk assessment for these items as they are often used in arduous applications and include a requirement for pre-use checks and consider reducing test frequency to a maximum of 3 months in use as per 110v leads in a construction application.</p> <p>Other controls may be to suspend the cables to prevent damage from plant movement, use of cable reels or a simple daily check before the leads are used. Many machines will still operate when on charge and so simply labelling has worked in some premises to remind operators that the machine is still connected to the charging lead.</p>			
1 – Major – Conductor exposed	2 –Major - Socket damaged and then poorly covered with tape.	3- Major – Repaired using insulating tape	4 – Major - Socket damaged – still ‘in-date’ on test frequency
			
5 – Minor – Tape covering poor plug wiring	6 – Opportunity to Improve – Corrosion due to lack of weather cover	7 – Conforms – Leads suspended from above	8 - Conforms – Leads suspended from above
			
Recommended Actions:	<ul style="list-style-type: none"> Review current arrangements and review risk assessment Implement / manage and reinforce importance of pre-use inspection of work equipment Consider simple controls regarding signage, cable control and storage Charging leads are a low-cost item – consider regular replacement e.g. 90 days 		
Circulation:	workshops, mobile service and management team		