



Alternative Power Technical Committee (APTC)

Location: TEAMS

Date: June 4, 2024

Agenda

I.	<p>Call to Order, Welcome</p> <p>Anti-trust statement</p> <p><i>The exchange of many types of information between AEM members that concerns common problems is legal, proper and essential to fulfilling the legitimate purposes of AEM. However, some subjects are not proper for discussion, either directly or indirectly. Antitrust laws preserve and promote free competition, the basis of a free-market economy. AEM unequivocally supports the policy of competition and reaffirms its uncompromising intent to comply strictly in all respects with those laws.</i></p>	
II.	<p>Approval of Agenda and Minutes</p> <ul style="list-style-type: none"> • Agenda - • Minutes - <p>Minutes - 2024.06.04 - APTC.docx</p>	<p>John Hunter - Komatsu</p>
Old Business		
III.	<p>Update from TC 127/WG 17 – If needed</p> <ul style="list-style-type: none"> • <i>WG 17 is looking at the suite of standards under 127.</i> • <i>This group is looking to review electrification activity for EMM that involve replacing the diesel engine, powering earthmoving equipment as defined in ISO 6165, with a battery(s) and electrical components i.e., Traction motors, electric actuators, electric pumps etc., and how those activities impact standards that support the EMM industry.</i> <ul style="list-style-type: none"> ○ <i>Intent is to use ISO 5757 and distribute to the other technical committees and use as a template to form working groups to perform these types of assessments in other technical committees.</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • <p>Other Standards Related Issues:</p> <ul style="list-style-type: none"> • Link to the Google docs spreadsheet • <i>ISO 22543 – Bystander awareness: document is approved.</i> • <i>Update on ISO 14990 – Discussion</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	<p>Kevin Lueschow – Caterpillar and/or Jon Spomer – Doosan Bobcat</p>

Updates from working groups		
IV.	<p>DC Arc Flash WG</p> <ul style="list-style-type: none"> Update from previous WG meeting <p>Notes:</p> <ul style="list-style-type: none"> <p>Action Items:</p> <ul style="list-style-type: none"> 	John Hunter - Komatsu
V.	<p>EU Battery Regulation WG</p> <ul style="list-style-type: none"> Carbon footprint calculation for Industrial battery has been published. WG is meeting on July 17th @11am to discuss <p>Notes:</p> <ul style="list-style-type: none"> <p>Action Items:</p> <ul style="list-style-type: none"> 	Dan Wiley - Komatsu
VI.	<p>ERG Hosting Site/Funding WG</p> <ul style="list-style-type: none"> Progress update/Potential candidates NGO: UL Fire Safety Research Institute (UL FSRI) vs UL commercial testing site <p>Notes:</p> <ul style="list-style-type: none"> <p>Action Items:</p> <ul style="list-style-type: none"> 	Peter Schecter – John Deere
VII.	<p>Emergency Response Guide – Li-ion Batteries</p> <ul style="list-style-type: none"> The existing ERG directs users to a link that is no longer being actively maintained by the NFPA. Therefore, the WG would like to make the following proposal: Change the existing phasing to the following: ERG Rephrasing Proposal.docx <p>Notes:</p> <ul style="list-style-type: none"> <p>Action Items:</p> <ul style="list-style-type: none"> 	Jason Flanagan – CAT
VIII.	<p>BEHM Symbols – Updates</p> <ul style="list-style-type: none"> Only needed if there is a relevant update. <p>Notes:</p> <ul style="list-style-type: none"> <p>Action Items:</p> <ul style="list-style-type: none"> 	Steve Neva – Doosan Bobcat
IX.	<p>Alternative Power Position Paper</p> <ul style="list-style-type: none"> Only needed if there is a relevant update. <p>Notes:</p> <ul style="list-style-type: none"> 	Jason Malcore - AEM

	Action Items: <ul style="list-style-type: none"> • 	
New Business		
X.	Fire Safety Training Opportunities <ul style="list-style-type: none"> • <i>Opportunities to present/contribute during fire safety training sessions on tactical considerations for responding to electric and hybrid heavy/off road equipment emergencies</i> • <i>Overview of hazard identification and recognition, location of potential energy sources, etc.</i> Notes: <ul style="list-style-type: none"> • Action Items: <ul style="list-style-type: none"> • 	Peter Schecter – John Deere
Parking Lot Items		
XI.	EU - Industrial trucks – TC 110 Hydrogen standards <ul style="list-style-type: none"> • <i>Only needed if there is a relevant update.</i> • <i>Potential update from Jonas Skoglar</i> Notes: <ul style="list-style-type: none"> • Action Items: <ul style="list-style-type: none"> • 	Discussion – all
XII.	Battery Charging Standards for Construction Equipment Fleets - OPEI, ARA & AEMP <ul style="list-style-type: none"> • <i>Only needed if there is a relevant update.</i> • <i>Potential interest in standardizing charging connectors</i> Notes: <ul style="list-style-type: none"> • Action Items: <ul style="list-style-type: none"> • 	Discussion – all
XIII.	PFAS – Update <ul style="list-style-type: none"> • <i>Only needed if there is a relevant update.</i> Notes: <ul style="list-style-type: none"> • Action Items: <ul style="list-style-type: none"> • 	Discussion – all
XIV.	Vermont S. 254 – Battery EPR <ul style="list-style-type: none"> • <i>Only needed if there is a relevant update.</i> Notes: <ul style="list-style-type: none"> • Action Items: <ul style="list-style-type: none"> • 	Discussion – all
Other Business		



XV.	•
Adjourn	
XVI.	•