



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 - 2024.3.28 - 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"> • WG 17 is looking at the suite of standards under 127. • 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. <ul style="list-style-type: none"> ○ 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. <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 • ISO 22543 – Bystander awareness: document is approved. • Update on ISO 14990 – Discussion <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>BEHM Symbols – Updates</p> <ul style="list-style-type: none"> • <i>Only needed if there is a relevant update.</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	Steve Neva – Doosan Bobcat
V.	<p>Alternative Power Position Paper</p> <ul style="list-style-type: none"> • <i>Only needed if there is a relevant update.</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	Jason Malcore - AEM
	<p>Emergency Response Guide – Li-ion Batteries</p> <ul style="list-style-type: none"> • <i>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 two following proposals:</i> • <i>Change the existing phasing to the following:</i> <u>ERG Rephrasing Proposal.docx</u> • <i>To investigate alternative opportunities for partnership on the maintenance of a site similar to the previous NFPA site:</i> <u>C:\Users\srathburn\Downloads\AEM APTC Draft Proposal - ERG Hosting Partner and Grant Funding.pdf</u> <p>Proposal 1 – Phrasing</p> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • <p>Proposal 2 – Partnership</p> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	<p>Sam Rathburn – AEM Jason Flanagan – CAT Peter Schecter – John Deere</p>
VI.	<p>DC Arc Flash WG</p> <ul style="list-style-type: none"> • <i>Only needed if there is a relevant update.</i> • <i>WG is currently waiting for letter from Australian regulator to define the specifications of his request.</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	John Hunter - Komatsu
	EU Battery Regulation WG	Dan Wiley - Komatsu

	<ul style="list-style-type: none"> • <i>Only needed if there is a relevant update.</i> • <i>WG recently participated in and supported Euromot's comments to recent EV Battery implementing regulation regarding Carbon Footprint Methodology</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	
New Business		
VII.	<ul style="list-style-type: none"> • 	
Parking Lot Items		
VIII	<p>PFAS – Update</p> <ul style="list-style-type: none"> • <i>Only needed if there is a relevant update.</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	Discussion – all
IX.	<p>Battery Charging Standards for Construction Equipment Fleets - OPEI, ARA & AEMP</p> <ul style="list-style-type: none"> • <i>Only needed if there is a relevant update.</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	Discussion – all
X	<p>Vermont S. 254 – Battery EPR</p> <ul style="list-style-type: none"> • <i>Only needed if there is a relevant update.</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	Discussion – all
	<p>EU - Industrial trucks – TC 110 Hydrogen standards</p> <ul style="list-style-type: none"> • <i>Only needed if there is a relevant update.</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	Discussion – all
Other Business		
XI.	<ul style="list-style-type: none"> • 	
Adjourn		
XII.	<ul style="list-style-type: none"> • 	