



Alternative Power Technical Committee (APTC)
Location: TEAMS
Date: October 29, 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 - 2024.08.29 - APTC.docx</p>	John Hunter - Komatsu
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"> • 	Kevin Lueschow – Caterpillar and/or Jon Spomer – Doosan Bobcat

IV.	<p>Other Standards Related Issues:</p> <ul style="list-style-type: none"> • Link to the Google docs spreadsheet • <i>Any further update on ISO 22543 – Bystander awareness?</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	
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Updates from working groups		
V.	<p>ISO14490 WG</p> <ul style="list-style-type: none"> • <i>This WG is focusing on highlighting topics that may require additional attention from the ISO committee as it relates to ISO14990-1,2, and 3</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	Dan Willy - Komatsu
VI.	<p>EU Battery Regulation WG</p> <ul style="list-style-type: none"> • <i>This WG is focusing on the recent battery requirements coming from the EU and JRC. Most recently the WG has engaged in various feedback opportunities and surveys related to the developing battery regulations.</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	Dan Willy - Komatsu
VII.	<p>BEHM Symbols WG</p> <ul style="list-style-type: none"> • <i>This group continues to have conversations around Battery Electric Symbols, some of which lead to the creation and registration of both AEM and ISO recognized Symbols</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	Valerie Lynch - AEM

New Business		
VIII.	<p>Vice Chair</p> <ul style="list-style-type: none"> • <i>Yanbin Mo will be stepping down as Vice Chair</i> • <i>APTC is seeking a new Vice Chair</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	John Hunter - Komatsu
IX.	<p>Arc Flash Risk Assessment</p> <ul style="list-style-type: none"> • <i>Risk Assessment conversation regarding DC Arc Flash in applications of 1000V+</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	John Hunter - Komatsu
X.	<p>EV Safety Hazard Awareness Campaign</p> <ul style="list-style-type: none"> • <i>This proposal illustrates the request for an AEM APTC WG to be created in support of an awareness campaign document regarding the topic of EV Fire Safety Hazards</i> • <i>The intent of this proposal is to educate industry stakeholders on the potential fire safety hazards in a manner that causes OEMs, end-users, and first responders to be more confident in the safety of EV equipment.</i> • <u>aem draft for public safety awareness and training program development.pdf</u> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	Peter Schecter – John Deere

Parking Lot Items		
XII.	<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
XIII.	<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> • <i>Potential interest in standardizing charging connectors</i> <p>Notes:</p> <ul style="list-style-type: none"> • <p>Action Items:</p> <ul style="list-style-type: none"> • 	Discussion – all
XIV.	<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
XV.	<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
Other Business		
XVI.	•	
Adjourn		
XVII.	•	