

## Aleees' Product Development & Validation Instructions(202501)

### Instructions:

1. Since it typically takes three to five years for customers in the electric vehicle (EV) and energy storage (ES) sectors to complete product development and certification, the Company (Aleees) should, in compliance with confidentiality agreements, disclose relevant progress to shareholders in a timely manner to increase transparency.
2. Aleees currently plans to provide progress updates on its website each January and July. If there is a silent period imposed by government or securities regulators, or in the event of force majeure, the release date will be deferred accordingly.
3. This announcement details the status of customer product certifications. According to Aleees' standard operating procedures, the entire certification process is divided into four phases. Please refer to Table 1 for details.
4. Aleees now has a total of 92 active customers, with 48 primary clients. The Company is actively expanding into the Indian market. In Europe, the trend of major players consolidating their positions has emerged, and some customers are scaling up mass production. Compared with July 2024, and in light of global battery supply chain security measures (de-China) and localized production policies, both the U.S. and European governments have introduced high tariffs and factory construction incentives. Aleees has added five more active customers this round, including one well-known Japanese automotive manufacturer, four notable European power battery companies and startups, and an energy storage application consulting firm. With Japanese carmakers entering the LFP (lithium iron phosphate) battery space, they are expected to gain stronger market competitiveness and help LFP capture greater market share in the mid- to low-end EV segment. The new European customers focus on EVs, electric public transportation, and energy storage. Most are internationally recognized companies with end users and sales markets spanning the globe.
5. Currently, nine major customers have entered the third and fourth phases of certification: two in Europe, one in the United States, three in Japan, one in South Korea, one in Southeast Asia, and one in Taiwan. For more information on the certification progress of Aleees' LFP materials in each global region, please refer to Tables 2 and 3.
6. Driven by regulatory requirements and subsidy incentives for EVs in Europe and the United States, Aleees will continue to expand its presence in multiple market segments in 2024. It has been confirmed that global energy storage batteries will primarily adopt LFP technology as their development axis. Meanwhile, numerous automakers have also chosen LFP batteries for both passenger electric vehicles and electric trucks. Consequently, Aleees-certified customers are expected to receive shipments for not only energy storage batteries before 2028, but also for a wide range of electric mobility applications, including passenger EVs and electric trucks. Since 2022, Aleees has positioned itself as a lithium intellectual property (IP) supplier by authorizing technology-transfer customers to begin mass production and supply to customers in Phase 4. Aleees will continue focusing on product

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development and servicing customers in Phases 1 through 3. By adopting a division-of-labor and collaborative approach, the Company aims to reduce the concentration risk in its customers' supply chains.

Table 1 Implementation of each phase

Customer's production development schedule	Implementation of each phase	
	Implementation by Customer	Implementation by Aleees
Phase-1	ingle test with the sample volume less than 100kg	Laboratory sample prototype/concept validation
Phase-2	Single test with sample volume greater than 100kg	Small-scale trial production
Phase-3	Produce samples greater than 1000kg of consecutive 3 times	Continuous trial production and supplier certification
Phase-4	Formal acquisition	Mass production

Table 2 Number of international clients under certification process

Application In	January 2023	September 2023	January 2024	July 2024	January 2025
ESS & EV	21	19	18	20	19
ESS only	5	14	7	7	4
EV only	12	13	19	19	20
ESS & Industrial Mobility	1	2	1	1	2
Chemical Company			2	1	3
Total	39	48	47	48	48

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Table 3 Major Customers

Area	Clients	Application				Cert. Stage				Product Model
		2023/9	2024/1	2024/7	2025/1	2023/9	2024/1	2024/7	2024/7	
Europe	BE002	-	Chemical Company	Chemical Company	Chemical Company	-	Potential Licensee	Potential Licensee	Potential Licensee	<b>Undecided</b>
Europe	FR002	EV	EV	EV	EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>LMFP</b>
Europe	FR006	-	EV	EV	EV	-	Phase-1	Phase-1	Phase-1	<b>LFP</b>
Europe	GE003	EV	EV	EV	EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>LMFP/ M121</b>
Europe	GE004	ESS & Industrial Mobility	ESS & Industrial Mobility	ESS & Industrial Mobility	ESS & Industrial Mobility	Phase-1	Phase-1	Phase-1	Phase-1	<b>M12/ M18/ M23</b>
Europe	GE006	EV	EV	EV	EV	Entering Phase-2	Entering Phase-2	Entering Phase-2	Entering Phase-2	<b>A19</b>
Europe	GE007	EV	EV	EV	EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>LMFP/M23/M121/M126/ M18</b>
Europe	GE008	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-2	Phase-2	Phase-2	Phase-2	<b>A19/ LMFP/A14</b>
Europe	GE009	-	ESS & EV	ESS & EV	ESS & EV	-	Potential Licensee	Potential Licensee	Potential Licensee	<b>Undecided</b>
Europe	IT001	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-4	Phase-4	Phase-4	Phase-4	<b>M12</b>
Europe	NO001	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-4	Phase-4	Phase-4	Phase-4	<b>M121/M125</b>
US	US001	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-4	Phase-4	Phase-4	Phase-4	<b>M121</b>
US	US002	EV	EV	EV	EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>M126/A14/A141</b>
US	US005	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>M121</b>
US	US007	-	EV	EV	EV	-	Phase-1	Phase-1	Phase-1	<b>LFP</b>

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		2023/9	2024/1	2024/7	2025/1	2023/9	2024/1	2024/7	2024/7	
US	US009	-	EV	EV	EV	-	Phase-1	Phase-1	Phase-1	<b>M23/M18</b>
US	US012	EV	EV	EV	EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>A19/ M23/ LMFP</b>
US	US013	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>M121/M18/LMFP/A14</b>
US	US014	EV	EV	EV	EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>M12/M18/LMFP/M121/ M126</b>
US	US016	-	EV	EV	EV		Phase-1	Phase-1	Phase-1	<b>LMFP/A14</b>
US	US017	ESS	ESS	ESS	ESS	Phase-1	Phase-1	Phase-1	Phase-1	<b>LMFP/M121</b>
US	US018	EV	EV	EV	EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>M18/M23/LMFP</b>
US	US019	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>M12/M121/M126</b>
US	US022	-	EV	EV	EV	-	Phase-1	Phase-1	Phase-1	<b>M126/M125</b>
US	US023	-	ESS & EV	ESS & EV	ESS & Industrial Mobility	-	Phase-1	Phase-1	Phase-1	<b>M12/M18</b>
US	US024	-	ESS & EV	ESS & EV	ESS & EV	-	Phase-1	Phase-1	Phase-1	<b>A14/M23/LMFP</b>
US	US025	-	EV	EV	EV	-	Phase-1	Phase-1	Phase-1	<b>A121/M23</b>
US	US026	-	ESS	ESS	ESS	-	Phase-1	Phase-1	Phase-1	<b>M23/A14/LMFP</b>
Japan	JP001	ESS	ESS	ESS	ESS	Phase-4	Phase-4	Phase-4	Phase-4	<b>M121</b>
Japan	JP003	EV	EV	EV	EV	Phase-3	Phase-3	Phase-3	Phase-3	<b>A19</b>
Japan	JP004	ESS	ESS	ESS	ESS	Phase-2	Phase-2	Phase-2	Phase-2	<b>M121/M125/M126</b>
Japan	JP005	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-4	Phase-4	Phase-4	Phase-4	<b>M18</b>
Korea	KR001	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-3	Phase-3	Phase-3	Phase-4	<b>M126/M127</b>

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		2023/9	2024/1	2024/7	2025/1	2023/9	2024/1	2024/7	2024/7	
Korea	KR002	ESS	ESS & EV	ESS & EV	ESS & EV	Phase-2	Phase-2	Phase-2	Phase-2	<b>M18/A19/M126</b>
Korea	KR003	-	ESS & EV	ESS & EV	ESS & EV	-	Phase-1	Phase-1	Phase-1	<b>M18/M121/M126/LMFP</b>
Korea	KR004	-	EV	EV	EV	-	Phase-1	Phase-1	Phase-1	<b>A14/ M23/ A19/ M121/M126/ LMFP</b>
SEA	SA002	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-3	Phase-3	Phase-3	Phase-3	<b>M121</b>
SEA				ESS & EV	ESS & EV			Phase-3	Phase-3	<b>M126</b>
SEA	SA004	ESS	ESS	ESS	ESS	Phase-1	Phase-1	Phase-1	Phase-1	<b>M121</b>
SEA	SA005	ESS	EV	EV	EV	Phase-2	Phase-2	Phase-2	Phase-2	<b>M18/M12</b>
SEA	SA010	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>M121/M18</b>
SEA	SA012	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>M18</b>
SEA	SA013	ESS & EV	ESS & EV	ESS & EV	ESS & EV	Phase-1	Phase-1	Phase-1	Phase-1	<b>M12/M121/M23</b>
SEA	SA014	ESS	ESS	ESS	Chemical Company	Chemical Company	Potential Licensee	Potential Licensee	Potential Licensee	Undecided
SEA	SA016	-	EV	EV	EV	-	Phase-1	Phase-1	Phase-1	<b>M121</b>
SEA	SA017	-	ESS	ESS	Chemical Company	-	Phase-1	Potential Licensee	Potential Licensee	<b>LFP</b>
SEA	SA018	-	EV	EV	EV	-	Phase-1	Phase-1	Phase-1	<b>M121/M126/A14/M23</b>
SEA	SA019	-	ESS	ESS	EV	-	Phase-1	Phase-1	Phase-1	<b>M121</b>