September 3, 2026

MINISTRY OF HEAVY INDUSTRIES

E-truck motor and controller steps in India move to April 2027

S.O. 4871(E) amends items 8, 9 and 10 of the "Phased Manufacturing Programme" for N2 and N3 e-trucks: steps due from September 1, 2026 now start April 1, 2027.

THE MINISTRY OF HEAVY Industries (MHI) issued notification S.O. 4871(E), dated September 3, 2026, published the same day in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii), No. 4684. It amends serial numbers 8, 9 and 10 of the "Phased Manufacturing Programme" (PMP) for N2 and N3 category e-trucks under the PM Electric Drive Revolution in Innovative Vehicle Enhancement (PM E-DRIVE) Scheme, with effect from its publication in the Official Gazette. It recalls that the scheme was notified by S.O. 4259(E) of September 29, 2024, and the e-truck PMP by S.O. 3081(E) of July 10, 2025, amended by S.O. 4481(E) of September 30, 2025, S.O. 1331(E) of March 13, 2026 and S.O. 2131(E) of April 29, 2026.

KEY FACTS

AUTHORITY
Ministry of Heavy Industries

PUBLISHED
September 3, 2026

ISSUED BY
Ministry of Heavy Industries

DOCUMENT
Notification S.O. 4871(E)

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Serial number 8 is the traction motor. From April 1, 2027, its manufacturing must be domestically performed and at least include magnet fitment, fitment of the rotor assembly and of the stator assembly into the motor, shaft fitment, bearing fitment, enclosure fitment, connectors fitment and cables fitment. This applies to N2 trucks, and to N3 trucks in case of a traction motor without integrated transmission.

Serial number 9 is the traction motor integrated with transmission, wherever applicable, and reads the same for N2 and N3. From September 1, 2025, assembly of the integrated traction motor and transmission, the traction motor controller, the transmission controller and software flashing must be domestically performed. Additionally, from April 1, 2027, two steps must be domestically performed. The first is manufacturing of the traction motor and transmission, at least including the eight fitments of serial number 8 plus transmission fitment and transmission controller fitment. The second is manufacturing of the traction motor controller including inverter, at least including assembly of electronic components, semiconductors and connectors on the PCB, high voltage connectors fitment, cables fitment, heat-sink fitment, enclosure fitment and software/firmware flashing.

Serial number 10 is the traction motor controller including inverter. For N2 trucks, from September 1, 2025, its manufacturing must at least include integration of the assembled PCB (PCBA), high voltage connectors fitment, cables fitment, heat-sink fitment, enclosure fitment and software/firmware flashing. From April 1, 2027, for N2 trucks, and for N3 trucks in case of a traction motor without integrated transmission, it must at least include assembly of electronic components, semiconductors and connectors on the PCB, with the same fitments and flashing. All of these steps must be domestically performed.

Before this notification, S.O. 1331(E) of March 13, 2026 set each of the April 1, 2027 steps from September 1, 2026; the steps listed are the same. The notification gives no reasons, and it does not say what follows from meeting or missing the PMP, or how it is checked. S.O. 4884(E) of the same date amends serial number 8 of the PMP for e-buses (M2/M3): traction motor manufacturing in India must at least include rotor, stator, bearing, enclosure, connectors and cables fitment from September 1, 2026, and magnet fitment and shaft fitment as well from April 1,

2027. Both notifications are signed by Dr. Hanif Qureshi, Additional Secretary, under F. No. 14/18/2024-AEI (30044).

Issued by	Ministry of Heavy Industries
Document	Notification S.O. 4871(E)
Dated	September 3, 2026
Published	Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii), No. 4684, September 3, 2026
Gazette ID	CG-DL-E-03092026-275978
Applies to	N2 and N3 category e-trucks under the PM E-DRIVE Scheme
Takes effect	From the date of publication in the Official Gazette
Amends	Serial numbers 8, 9 and 10 of the PMP for e-trucks, notified by S.O. 3081(E) of July 10, 2025 and amended by S.O. 4481(E), S.O. 1331(E) and S.O. 2131(E)
Scheme	PM Electric Drive Revolution in Innovative Vehicle Enhancement (PM E-DRIVE), notified by S.O. 4259(E) of September 29, 2024
From April 1, 2027	The manufacturing steps listed for the traction motor (8), the traction motor integrated with transmission (9) and the traction motor controller including inverter (10), all to be domestically performed
Before	S.O. 1331(E) of March 13, 2026 set the same steps from September 1, 2026
Related	S.O. 4884(E) of September 3, 2026 (Gazette ID CG-DL-E-03092026-275977), e-bus (M2/M3) PMP serial number 8: traction motor steps from September 1, 2026, and the full list, with magnet fitment and shaft fitment, from April 1, 2027
Signed by	Dr. Hanif Qureshi, Addl. Secy.
File number	F. No. 14/18/2024-AEI (30044)

Steps that must be domestically performed, as amended by S.O. 4871(E)

S. No.	PMP component	N2 category	N3 category

8	Traction motor	From April 1, 2027: manufacturing of traction motor, at least magnet fitment, fitment of rotor assembly into motor, fitment of stator assembly into motor, shaft fitment, bearing fitment, enclosure fitment, connectors fitment and cables fitment	From April 1, 2027, in case of a traction motor without integrated transmission: the same as N2
9	Traction motor integrated with transmission (wherever applicable)	From September 1, 2025: assembly of integrated traction motor and transmission, traction motor controller, transmission controller and software flashing. Additionally from April 1, 2027: (i) manufacturing of traction motor and transmission, at least the eight fitments of S. No. 8 plus transmission fitment and transmission controller fitment; and (ii) manufacturing of traction motor controller including inverter, at least assembly of electronic components/semiconductors/connectors on the PCB, high voltage connectors fitment, cables fitment, heat-sink fitment, enclosure fitment and software/firmware flashing	The same as N2
10	Traction motor controller including inverter	From September 1, 2025: manufacturing at least including integration of assembled PCB (PCBA), high voltage connectors fitment, cables fitment, heat-sink fitment, enclosure fitment and software/firmware flashing. From April 1, 2027: at least assembly of electronic components/semiconductors/connectors on the PCB, high voltage connectors fitment, cables fitment, heat-sink fitment, enclosure fitment and software/firmware flashing	From April 1, 2027, in case of a traction motor without integrated transmission: the same as N2 from April 1, 2027

The notification (PDF, 621 KB)

Source: Gazette of India, CG-DL-E-03092026-275978.

Checked against the official copy on October 28, 2026.

IndusDesk

hello@indusdesk.com · +91 11 4141 3939

9th Floor, Hemkunt House, Rajendra Place, New Delhi, Delhi 110008, India

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