

L&T, BHEL and so many companies a part of Chandrayaan-3; check the list here

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Synopsis

India's moon mission, Chandrayaan-3, successfully landed near the lunar south pole, making India the fourth nation to achieve this. Private sector companies such as Larsen and Tourbo's aerospace wing, Mishra Dhatu Nigam, Bharat Heavy Electricals, MTAR Technologies, Godrej Aerospace, Ankit Aerospace, and Walchandnagar Industries played crucial roles in supplying components and materials for the mission.



On Wednesday evening, India's moon lander successfully set its four legs softly and safely on the lunar soil as planned, and became the fourth nation in the world to achieve the feat.

things, as per reports.

As India's moon mission, [Chandrayaan-3](#), successfully landed near the lunar south pole on Wednesday evening, the country became only the fourth nation in the world to achieve the feat.

It is believed that some private sector companies have worked with ISRO for the Chandrayaan-3 mission.

Larsen and Tourbo's (L&T) aerospace wing was key for supplying crucial components for the launch vehicle of Chandrayaan 3. The Mumbai-based company provided India's space agency with critical booster segments, namely the head-end segment, middle segment and nozzle bucket flange, among other

Tata Consulting Engineers Limited (TCE) also engineered unique and indigenously built critical systems and sub-systems including the propellant plant, the vehicle assembly building and the mobile launch pedestal which were custom-built for the successful launch of space missions.

Metal manufacturing company, [Mishra Dhatu Nigam](#) which is based in Hyderabad supplied critical materials such as

cobalt base alloys, nickel base alloys, titanium alloys and special steels for various components of the launch vehicle used in the very important [lunar mission](#).

[Bharat Heavy Electricals](#) was responsible for supplying the batteries for Chandrayaan-3. As per reports, its Welding Research Institute (WRI) also supplied bi-metallic adaptors for Chandrayaan 3.

Key parts for the Chandrayaan-3 mission, including engines and booster pumps, were manufactured by [MTAR Technologies](#), reports said.

Godrej Aerospace and Ankit Aerospace reportedly produced key engines, thrusters and supplied alloy steel, stainless steel fasteners respectively.

The former manufactured L110 for the core stage and CE20 engine thrust chamber for the upper stage, while the latter is responsible for providing specially-crafted titanium bolts, which are instrumental in enhancing mission durability and performance.

As per media reports, [Walchandnagar Industries](#) said it supplied critical booster segments S200 used in the launch vehicle, flex nozzle control tankages and S200 Flex nozzle hardware.

(With inputs from IANS)