



MDN/CS/COMPLIANCE/2023-24

July 15, 2023

To,

BSE Limited,
P.J. Towers,
Dalal Street,
Mumbai- 400001

National Stock Exchange of India Limited,
Exchange Plaza, Bandra Kurla Complex,
Bandra (East)
Mumbai - 400051

Scrip Code: 541195

Trading Symbol: MIDHANI

Sub: Press Release titled 'Pivotal role of MIDHANI in Chandrayaan – 3'

Dear Sir/Madam,

1. Please find enclosed herewith a press release titled 'Pivotal role of MIDHANI in Chandrayaan – 3'.
2. You are requested to take the above intimation on record.

Thanking You

Yours faithfully,
For **Mishra Dhatu Nigam Limited**

Paul Antony
Company Secretary & Compliance officer
e-mail: company.secretary@midhani-india.in

Encl : As Above

मिश्र धातु निगम लिमिटेड **MISHRA DHATU NIGAM LIMITED**

(भारत सरकार का उद्यम) (A Govt. of India Enterprise)

पंजीकृत कार्यालय: पी.ओ. कंचनबाग, हैदराबाद, तेलंगाना -500058 Registered Office: P.O. Kanchanbagh, Hyderabad, Telangana-500058

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निगमित पहचान सं. CIN: L14292TG1973GOI001660

वेबसाइट Website: www.midhani-india.in

Pivotal role of MIDHANI in Chandrayaan – 3

Mishra Dhatu Nigam Limited (MIDHANI), a Defence PSU, has played a vital role in the successful launch of the Chandrayaan-3 Mission. MIDHANI developed and supplied critical materials for the LVM3 M4, a three-stage heavy lift launch vehicle used in the lunar mission.

The LVM3 M4 requires several tonnes of materials, and MIDHANI has supplied Cobalt base alloys, Nickel base alloys, Titanium alloys, and Special steels for various components. These materials have been used in the liquid engine, nozzles for liquid stages, gas bottles, thrusters, cryogenic upper stage components, rocket motor casing, and propellant tanks. Additionally, MIDHANI has also developed investment castings of nickel alloys and stainless steel specifically for the Exhaust Unit, further highlighting our expertise in providing tailored solutions for complex engineering challenges.

MIDHANI's contributions also include supplying Special steels and Titanium alloys for key components of the mission. These materials have been utilized in critical parts such as the propulsion module of the lander separator band, as well as various structural components of the Lander and Rover. MIDHANI's provision of these high-performance steels and alloys ensures the durability, strength, and reliability of these vital elements, contributing to the overall success of the mission.

MIDHANI and ISRO have enjoyed a fruitful partnership for over four decades, with MIDHANI's materials being integral to ISRO's space missions since inception. MIDHANI's unwavering support extends beyond the current launch, and will also be a key contributor to ISRO's ambitious Gaganyaan Mission and other pioneering programs. Our enduring collaboration has played a vital role in the success of ISRO's space endeavors, showcasing the strength and reliability of MIDHANI's materials in pushing the boundaries of space exploration.

