December 22, 2025

To,

National Stock Exchange of India Ltd
Exchange Plaza, 5th Floor,
Plot No. C-1, Block G,
Bandra – Kurla Complex,
Bandra (East), Mumbai – 400 051
Symbol: TIMETECHNO

BSE Limited
1st Floor, New Trading Ring,
Rotunda Building,
P. J. Towers, Dalal Street,
Fort, Mumbai – 400 001
Scrip Code: 532856

Dear Sir/Madam,

Sub: Successful Completion of Trials for Hydrogen Powered Drones with Type III Composite Hydrogen Cylinder & Hydrogen Fuel Cells

Ref: Pursuant to Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015

Time Technoplast Limited is pleased to announce a significant technological and commercial milestone with the **successful development and flight trials of an in-house hydrogen-powered drone, integrated with a Type-III Fully Wrapped Composite Hydrogen Cylinder and Hydrogen fuel-cell system**. This achievement positions the Company at the forefront of next-generation clean-energy aviation platforms, unlocking a high-growth application segment for composite hydrogen storage solutions.

The hydrogen-powered drone has **successfully completed initial performance trials and validation tests**, meeting all targeted endurance, payload, and operational parameters. This represents **the first successful integration in India** of Composite Hydrogen Cylinders made in India, with fuel-cell-powered unmanned aerial platforms, establishing a strong foundation for commercial deployment across civilian, industrial, and defence applications.

A video of the successful trials is available at the link provided below.

This development follows the Company becoming the **first Indian manufacturer** to receive the Petroleum and Explosives Safety Organization (PESO) approval for **Type-III Hydrogen Composite Cylinders** and the **Memorandum of Understanding** with **Drone Stark Technologies Private Limited announced on August 07, 2025**. The project has been **executed and validated within the committed timeline**, reinforcing the Company's ability to translate advanced clean-energy technologies into deployable solutions.

Clear Advantage Over Battery-Powered Drones

Hydrogen-powered drones deliver **compelling operational and commercial advantages over battery-based systems**, including 3–5× longer flight endurance, rapid refuelling in minutes, higher payload capability, consistent power output, lower lifecycle operating costs, and zero-emission operation. These benefits make hydrogen propulsion **particularly suited for long-range, high-utilisation, and mission-critical applications**, where battery-powered drones face inherent scalability and endurance limitations.

Commercial and Market Implications

The successful trials materially expand the Company's addressable market within the rapidly growing global drone ecosystem. With the global drone market estimated at **~US$30 billion today** and projected to **reach ~US$70 billion by 2033**, demand is accelerating for high-performance, long-endurance, and sustainable propulsion solutions. Hydrogen-powered drones are expected to see increasing adoption across agriculture, surveillance, defence, logistics, emergency response, infrastructure inspection, and environmental monitoring.

This initiative aligns closely with the **Government of India's Green Hydrogen Mission** and the "***Make-in-India, Make-for-the-World"*** vision, while creating meaningful opportunities for commercial uses of hydrogen composite cylinders and fuel-cell systems. **Time Technoplast Limited** remains committed to scaling its clean-energy technologies and capturing emerging opportunities in the global energy-transition and UAV markets.

Video Link: YouTube Link

You are requested to take note of the same.

For TIME TECHNOPLAST LIMITED

BHARAT KUMAR VAGERIA

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