

ICAT/BOV-0819/2023-24/S-2049

JCAT/BOV-0819/2023-24/S-2049

## **TEST REPORT**

FOR

COMPLIANCE TO G.S.R 291 (E) dated 24.04.2014



Date: 03rd October 2023

1. Company and Vehicle base model details:

Documental Reference	ental Reference Vehicle Manufacturer				
Current Document	M/s. Essel Energy Infra Private	Limited (1) All All All All All All All All All Al	MIS. Ding		
Company	Address	Plant Address			
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Base Model		Vehicle Description	Nominal Voltage (V)		
ger grante	T 5	Two Wheeler Battery Operated Vehicle	15 Mg 48 Mg Still		

## 2. Test Objective:

To carry out testing/verification of battery operated two wheeler, having power less than 250W and speed less than 25 km/hr for exemption to be a motor vehicle, under CMVR vide GSR 291 (E) dated 24.04.2014.

3 Observations & Test Results: (Refer ANNEXURE - I for photographs)

Parameter		Requirement Observe		ved Compliance		
Max Speed Max 30 min Power		< 25 kmph 16.43 kmp 201 W		ph Jim	sel inite	
				Orivate	Ne. "Age"	
Unladen Weight (Without battery)		≤ 60 kg	32 kg∈	2 6		
Battery Ty	pe & Packs	Lithium ion (		& 01 S	W 163	
Fitment of reflector (Front/Rear) Suitable braking system		Fr- White colour/Rr- Red colour Fr- White colour/R		- Red colour	Lines of inited	
				- Disc	1556	
Description		Make	Mo		del / Part Id	
Motor	S <sub>Q</sub>	M/s. Essel Energy Infra Private Lim	ited (S)	48-V 250-W		
Controller	Limite (55e)	M/s. Essel Energy Infra Private Limited			WK4835YN	
Battery	Ms.	M/s. Essel Energy Infra Private Lim	48V 16AH-GZ-WP-BE			
Charger	46	M/s. Essel Energy Infra Private Lim	NEV-300NWP-LX-48			

## 4. Conclusion:

The vehicle model mentioned in clause 1 above does not deem to be a motor vehicle and complies(y) to CMVR requirements as per the exemption criteria specified in GSR 291 (E) dated 24.04.2014.

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