



INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY

[A Division of NATRiP Implementation Society (NATIS), Govt. of India]

ICAT/BOV-1695/2019-20/O-1992

Date : 14th November 2019

TEST REPORT

FOR

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

1. Company and Vehicle model details:

Documental Reference		Vehicle Manufacturer	
Current Document		M/s. ESSEL ENERGY INFRA PVT. LTD.	
Company Address		Plant Address	
Plot No. - 55, Sector- 34, Gurugram, Haryana (India) -122 001		Plot No. - 55, Sector- 34, Gurugram, Haryana (India) -122 001	
Vehicle Model		Vehicle Description	Working Voltage (V)
G.E.T.1		Two Wheeler Battery Operated Vehicle with Pedal Assistance	48
Variant(s)	NA		

2. Test Objective:

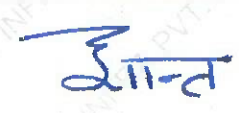



To carry out testing/verification of electric two wheeler having power less than 250W for exemption under CMVR vide GSR 291 (E) dated 24.04.2014.

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

Parameter	Requirement	Observed	Compliance Verified
Max Speed	< 25 kmph	13.68 km/h	✓
Max 30 min Power	< 250 W	135 W	
Unladen Weight (Without battery)	≤ 60 kg	36 kg	
Fitment of reflector (Front)	White colour	White colour	
Fitment of reflector (Rear)	Red colour	Red colour	
Suitable braking system	Fitted	Fitted	
Description	Make	Model / Part Id	
Motor	M/s Huizhou Guangtong Motor Technology Co. Ltd., China	DCM48V250W-GET7	
Controller	M/s Guanggong Gaobao Electronic Technology Co. Ltd., China	WK4835YN	

4. Conclusion:

The vehicle model mentioned in clause 1 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.

Power Test Report No.	CT0PO 1102 dt 21.10.2019		
ICAT Ref No.	2019-1695 (IOCS: 72226)	Please turn over for DISCLAIMER	
AUTHORISED SIGNATORY			
			
ICAT PRASHANT VIJAY DEPUTY GENERAL MANAGER		ICAT DINESH TYAGI DIRECTOR	Page 1 of 2





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ANNEXURE - I



AUTHORISED SIGNATORY

			
<p>ICAT PRASHANT VIJAY DEPUTY GENERAL MANAGER</p>		<p>ICAT DINESH TYAGI DIRECTOR</p>	<p>Page 2 of 2</p>