



INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY

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

ICAT/BOV-1065/2021-22/Q-1691

Date: 06th October 2021

TEST REPORT

FOR

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

1. Company and Vehicle model and it's variant(s) details:

Documenta	I Reference	T	Vehicle Manufacturer		
Current D	Current Document M/s. Saboo Tor Private Limi		ed		
Company Address			Plant Address		
Trilokpur Road, Saboo Tor Private Limited, Kala Amb, Sirmaur, Himachal Pradesh, Pin-173 030			Trilokpur Road, Saboo Tor Private Limited, Kala Amb, Sirmaur, Himachal Pradesh, Pin-173 030		
Base Model			Vehicle Description	Working Voltage (V)	
Birla e smart			Two Wheeler Battery Operated Vehicle	60	
Variant(s)		A AMBITION, BIRLA SPARK, ANTO, BIRLA ELECTRO	without Pedal Assistance	- 00	

2. Test Objective:

Service

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, II, III, IV, V & VI for photographs)

Parameter		Requirement	Observed	Observed	
Max Speed		< 25 kmph	20.4 kmph		
Max 30 min Power		< 250 W	133 W		
Unladen Weight (Without battery)		≤ 60 kg	58kg, 57kg, 56kg, 58kg,	g, 59kg, 57kg	
Fitment of reflector (Front)		White colour	White colou	White colour	
Fitment of reflector (Rear)		Red colour	Red colour		
Suitable braking system		Fitted	Fitted	Fitted	
Description		Make		Model / Part Id	
Motor	M/s. Saboo Tor Private Limited			SM60V250	
Controller M/s. Saboo Tor Private Limited				SC60V250	

4. Conclusion:





ANNEXURE - I

Date: 06th October 2021





Rear View





Side View

Side View





Motor

Controller

Birla e smart





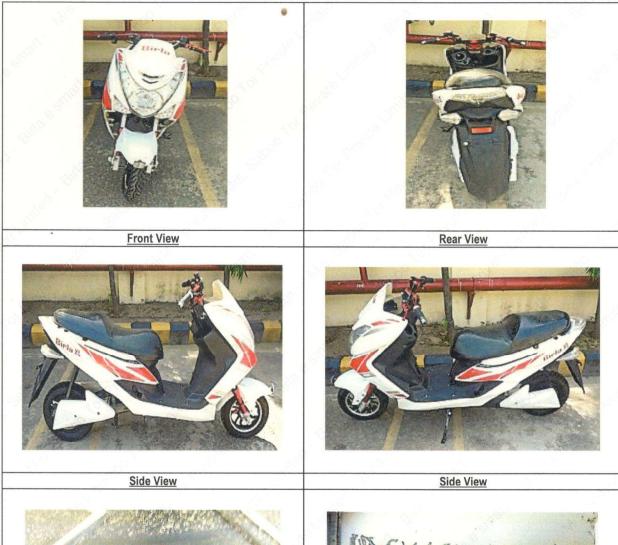
PRASHANT VIJAY DEPUTY GENERAL MANAGER



DINESH TYAGI DIRECTOR

Date: 06th October 2021

ANNEXURE - II





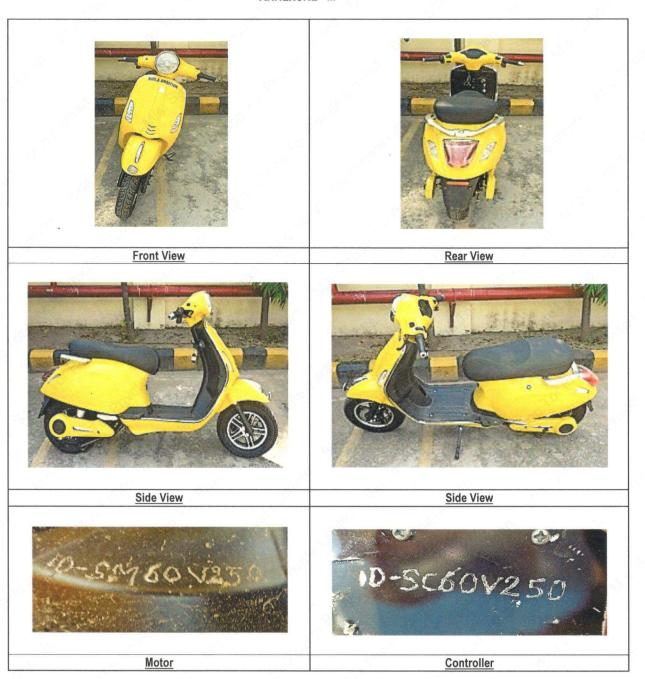
Motor Controller





ANNEXURE - III

Date: 06th October 2021









ANNEXURE - IV

Date: 06th October 2021



BIRLA SPARK



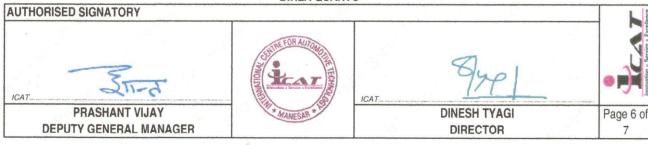


ANNEXURE - V

Date: 06th October 2021



BIRLA QUANTO





ANNEXURE - VI

Date: 06th October 2021





Front View

Rear View





Side View

Side View





Motor

Controller

BIRLA ELECTRO

