

**TRANSPORT DEPARTMENT**

From

To (By e-mail).

**The Joint Transport Commissioner  
(Rules),**

Commissionerate of Transport and  
Road Safety, Guindy,  
Chennai – 600 032.

All the Zonal Officers in Tamil Nadu,  
All the Regional Transport Officers in  
Tamil Nadu,  
All the Motor Vehicles Inspector of Unit  
Offices,

**Letter No. 007452-HB2-2024, Dated: 18.03.2024**

**(Communication of Type Approval Certificate No. 405/2024)**

Sir,

Sub: Motor Vehicles – Registration of Motor Cycle (Battery Operated Vehicle)  
- "**Plasma X (Battery Operated Vehicle)**" in the state of Tamil Nadu  
- permission-granted regarding.

- Ref: (1) Application dated: 05.03.2024 from "**M/s Quantum Energy Limited**", KA2 Towers, 4<sup>th</sup> Floor, Plot No.17, Jayabheri Enclave, Gachibowli, Hyderabad, Telanga - 500032.
- (2) Type approval certificate number **AASB 0115, V01, Dated: 12.09.2023** issued by the Automotive Research Association of India, Pune.
- (3) Report of the Assistant Secretary-III, State Transport Authority, Chennai-32, dated: 05.03.2024.
- (4) G.O.(Ms.) No.311, dated: 09.05.2018 from Home (Transport-V) Department of Tamil Nadu.

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Kindly see the reference cited.

(2) "**M/s Quantum Energy Limited**", KA2 Towers, 4<sup>th</sup> Floor, Plot No.17, Jayabheri Enclave, Gachibowli, Hyderabad, Telanga - 500032, who is the manufacturer has applied for grant of "**Plasma X (Battery Operated Vehicle)**" in Tamil Nadu manufactured by M/s Quantum Energy Limited, Plot No. 177, Phase-II IIDA, Pashamallaram, Patancheru Mandal, Sangareddy, Telangana, 502307.

(3) They have also produced the relevant Type approval certificate number **AASB 0115, V01, Dated: 12.09.2023** issued by the testing agency **ARAI Pune**.

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**PARTICULARS FOR R.C. BOOK ENTRIES ARE FURNISHED BELOW**

1.	Class of vehicle	Motor Cycle (Battery Operated Vehicle)
2.	Maker's name	M/s Quantum Energy Limited, Plot No. 177, Phase-II IIDA, Pashamallaram, Patancheru Mandal, Sangareddy, Telangana, 502307.
3.	Type of vehicle/category	L1 category/Two Wheeler
4.	Type of body	Solo with Pillion
5.	Month and year of manufacture	As per codifications
6.	No. of cylinders	NA
7.	Chassis number	As applicable
8.	Engine number or motor number in the case of battery operated vehicle	As applicable
9.	Fuel used	Battery Operated Vehicle
10.	Maximum Power	2.6 Kw @ 55 kmph
11.	Maximum 30 Minutes Power	1.5 Kw @ 50 kmph
12.	Cubic capacity	-
13.	Makers classification	Plasma X (Battery Operated Vehicle)
14.	Wheel base	1310 mm
15.	Seating capacity	2 in all
16.	Colour	As applicable
17.	ULW (unladen weight)	101 Kgs.
18.	G.V.W. (Gross vehicle weight) or RLW (Registered laden weight) as certified by the manufacturer	251 Kgs.
19.	<b><u>Number, description, size and ply rating of tyres as declared by the manufacturer</u></b>	
a.	Front axle	90/100-10 53J
b.	Rear axle	90/100-10 53 J
20.	<b>Registered Axle Weight</b>	
a.	Front Axle (Faw)	98 Kgs.
b.	Rear Axle (Raw)	153 Kgs.
21.	<b>Dimension</b>	
a.	Overall length	1810 mm
b.	Rear over hang	-
c.	Overall width	700 mm
d.	Overall height	1120 mm
e.	Min. ground clearance	178 mm
f.	Max./Pre Set Speed	-

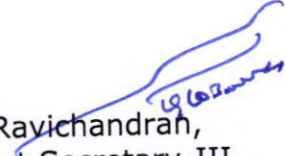
Based on the document verification of the vehicle by the Assistant Secretary-III and based on the type approval certificate number **AASB 0115, V01, Dated: 12.09.2023** issued by the testing agency **ARAI Pune**, it is certified that the vehicle complies with the provisions of motor vehicle act 1988 and rules made there under.

All the Registering Authorities and Assistant Registering Authorities are instructed to register the vehicle, as certified by the testing agencies concerned, under the provisions of motor vehicles act, 1988 and rules made there under and the department's instructions/orders issued from time to time in this regard.


All the Zonal Joint Transport Commissioners and the Zonal Deputy Transport Commissioners are requested to acknowledge the receipt of the circular. They are also requested to obtain and keep the acknowledgements from the respective Regional Transport Officers of their zones.

**Sd/-A.A. Muthu,**  
Joint Transport Commissioner (Rules) (FAC)  
Guindy, Chennai - 600 032.

**//By Order//**

  
M. Ravichandran,  
Assistant Secretary-III,  
Guindy, Chennai - 600 032.

**(Communication of Type Approval  
Certificate No. 405/2024)**

  
19/03/24

**Copy to**

M/s Quantum Energy Limited", KA2 Towers, 4<sup>th</sup> Floor, Plot No.17, Jayabheri Enclave, Gachibowli, Hyderabad, Telanga - 500032.

- (By e-mail) The Director, Forensic Sciences Department, number 30-A, Kamarajar Salai, Mylapore, Chennai - 4.
- " The PA to State Transport Authority 'H' section.
  - " The Secretary, State Transport Appellate Tribunal, Chennai - 104.
  - " The Assistant Director (Statistics) 'S' section for e-mailing the registration approval and for publishing it in our website.