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राष्ट्रीय मोटर वाहन परीक्षण ट्रैक (राष्ट्रीय मोटर वाहन बोर्ड, भारी उद्योग मंत्रालय, भारत सरकार के अंतर्गत)
NATIONAL AUTOMOTIVE TEST TRACKS
(Under National Automotive Board, Ministry of Heavy Industries, Government of India)

N R 0196

06-Feb-2024

Cert.	Dwg.	Total
02	01	03

TYPE APPROVAL CERTIFICATE

(For compliance to AIS - 037)

1	Name of the Customer	M/s AMBIT TRANSMISSION PRODUCTS PVT.LTD.				
2	Address of the Customer	B-5, IIE SIGADDI GROWTH CENTRE, SIDCUL ,KOTDWARA,PAURI GARHWAL,UTTARAKHAND-246149 (INDIA)				
3	Manufacturer Name & Plant Address	M/s AMBIT TRANSMISSION PRODUCTS PVT.LTD. B-5, IIE SIGADDI GROWTH CENTRE, SIDCUL ,KOTDWARA,PAURI GARHWAL,UTTARAKHAND-246149 (INDIA)				
4	Description of the Test Component	REESS (Battery Pack)				
4.1	Battery Tarde Mark	9AP				
4.2	Battery Model No.	9APNC72V41.6AH				
4.3	Battery Nominal Voltage	72V				
4.4	Battery Capacity	41.6Ah				
4.5	Cell Manufacturer Name	ZHENGZHOU BAK BATTERY CO., LTD.				
4.6	Battery Drawing No.	AMBITDDN9APKO072302				
5	Pre-test Inspection Date	25-10-2023				
	Pre-test Inspection Report No.	NATRAX/PTIV/TB/0028 dated 25-10-2023				
6	Applicable Notified Standard	AIS-156(Part II) 2022 amendment 3 Phase 2				
6.1	Test Sample Applicability on Vehicle Category	Battery operated Vehicle – L1, L2 Category only.				
6.2	Test Report No.	N T O B-Li S 0059, dated 28.12.2023				
7	Details of Quality Management System (QMS)	Sr. No.	Type Of QMS	Certifying Agency	Certificate No.	Validity up to
		1	ISO 9001:2015	ROHS	23DQLM93	05-10-24
8	Approval	Granted				
9	The CoP period for the Component mentioned in Sr. No. 4 above shall begin from the date of commercial production & 1st CoP shall be completed before 31 th Jan’26.					

NATRAX File Reference: NATRAX/TB/23-24/49 Page 01 of 02 Please turn over for DISCLAIMER

Authorized Signatory:

Sr. Engineer	Asst. Manager		DIRECTOR
			
Manish Mandloi	Umesh Raghuwanshi		Dr. Manish Jaiswal

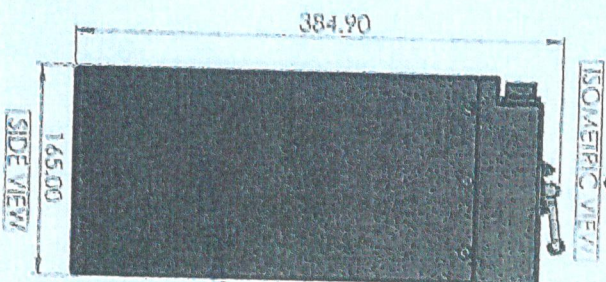
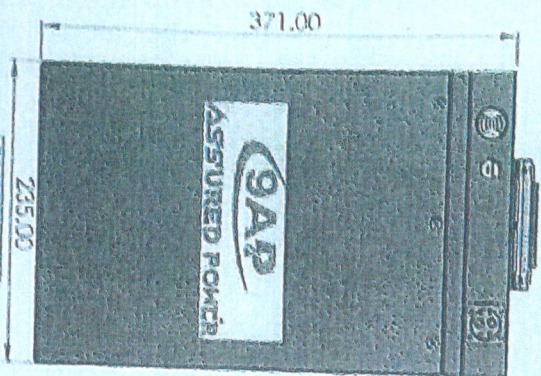
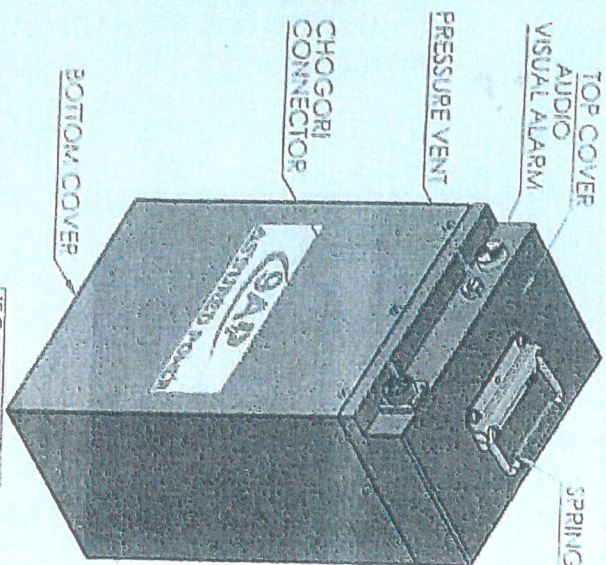
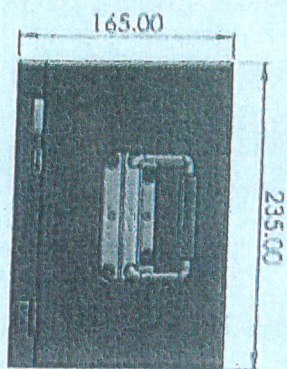
कार्यालय: आगरा – मुम्बई मार्ग (एन.एच. 52), पिथमपुर फ्लाईओवर के आगे,
पोस्ट-खण्डवा (पिथमपुर के पास), जिला-धार –454774 (म.प्र.)
Office: Agra – Mumbai Highway (NH – 52), Next to Pithampur Flyover,
Post- Khandwa (Near Pithampur), Dist. Dhar (M.P.) – 454774
Tel: 09893 892 310, Website: www.natrax.in

मुख्य कार्यालय: दूसरी मंजिल, प्रशासनिक भवन, आईकेट परिसर –II,
सेक्टर – 11, आई. एम. टी. मानेसर, गुरुग्राम, हरियाणा – 122051
Corporate Office: 2nd Floor, Administrative Building, ICAT Campus-II,
Sector-11, IMT Manesar, Gurugram, Haryana – 122051
Tel: 01246 900 000, Website: www.natrip.in

Disclaimer:

This Certificate pertains only to the components/parts/ assemblies etc., actually tested at NATRAX or verified at customer's end by NATRAX in the presented condition based on the documents / information produced / submitted by the customer. The issuance of this Certificate alone does not indicate any measure of approval, certification, supervision, control of quality surveillance by NATRAX of the product. No extract, abridgment or abstraction from this test report shall be published or used to advertise the product without the written consent of the Centre Head/ Director, NATRAX, who reserves the absolute right to agree or reject all or any of the details of any items of publicity for which consent may be sought. NATRAX is in no way responsible for any misuse of copying of any design / type system in connection with entire vehicle / components / parts and assemblies. Breach of any statutory provisions of Indian laws or laws of other countries, will be sole responsibility of the customer and NATRAX shall not be liable for any claims for damages, made by the party, whatsoever. The customer shall alone be liable for the same and undertakes to indemnify NATRAX in this regard. Further, NATRAX has the right to initiate cancellation / withdrawal of the certificate, in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of NATRAX. The appropriate local courts at Indore shall have the jurisdiction in respect of any dispute, claim or liability arising out of this report.

1. NATRAX issues CMVR Certificate (CMVR)/ Type Approval Certificate TAC for Vehicles/ Components/ Parts/ Assemblies etc. based on the documents produced and/ or prototype/ vehicle (s) or sample (s) submitted by the applicant and testing thereof.
2. NATRAX issues CMVR Certificate/TAC in compliance to Motor Vehicle Act/ Central Motor Vehicle Rules and their provisions as amended from time to time or any other statutory orders under which NATRAX is authorized. Other Rules/ Acts are outside the purview/ Scope of the CMVR Certificate/ TAC.
3. Test (s) on prototype/ Vehicle (s) or Sample(s) is/are carried out on the basis of standard test procedures as notified under specific rules/ requested by the applicant. Results of such tests are property of bearer Certificate/ TAC. These results cannot be disclosed unless specifically ordered so by Government/ court etc.
4. The bearer of the Certificate/ TAC is under obligation to ensure production strictly as per the provisions of the specific Certificate/ TAC.
5. NATRAX is not responsible for testing each Vehicles/ Components/ Parts/ Assemblies etc. for which Certificate/ TAC is issued. Further NATRAX is not responsible for ensuring manufacturing quality of the Vehicles/ Components/ Parts/ Assemblies etc. for which Certificate/ TAC is issued.
6. NATRAX is in no way responsible for any misuse of copying of any design/ Type/ System in connection with entire Vehicles/ Components/ Parts/ Assemblies etc. covered under the Certificate/ TAC is issued.
7. Breach of any statutory provisions, of Indian Laws and Laws of any other countries, will be sole responsibility of the bearer of the Certificate/ TAC is issued and NATRAX shall not be liable for any claims or damages, whatsoever. The bearer shall alone be liable for the same and shall undertake to indemnify NATRAX in this regard.
8. Further, NATRAX has the right, but not under obligation to initiate cancellation/ Withdrawal of the Certificate issued in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of.



Customer Name :	AMBIT TRANSMISSION PRODUCTS PVT LTD.
Manufacturer Name:	AMBIT TRANSMISSION PRODUCTS PVT LTD.
Make:	AMBIT TRANSMISSION PRODUCTS PVT LTD.
Battery Type:	NMC Cylindrical
Battery/Module Capacity (Ah in 5 hrs) :	41.6Ah
Rated Voltage :	72V
Model No. :	9APNC72V41.6Ah
Trade Name :	9AP
Drawing No. :	AMBITDDN9APKC072302
Configuration of Cell in Pack/Module :	20S/16P
Cell manufacturer's name :	ZHENGZHOU BAK BATTERY CO. LTD
Cell model no.:	N18650CH
Cell form factor & dimensions:	Cylindrical L-65-0.2, Ø 18.3-0.15
Cell grade name:	BAK
Cell voltage & capacity:	3.6V/2600mAh
Cell to cell spacing	0.5 mm
Fuse Rating:	80A
Regenerative current protection:	28A
BMS software version:	51
BMS DETAIL	9APN24S60A
13S-24S 60A	9APNMC24S60A

GENERAL TOLERANCE CHART (MILS)	
LENGTH OR DIA.	0.5 1-30 31-120 120-315 315-1000 1000-2700 2700-2500
TOLERANCE	±0.1 ±0.2 ±0.3 ±0.5 ±0.8 ±1.2 ±2.5

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THE FOLLOWING IS THE LIST OF THE NAMES OF THE MEMBERS OF THE BOARD OF DIRECTORS OF THE COMPANY:

Authorised/ODAL NO.

Mission Prod

CONTROL COPY

GAD OF 12V41.6Ah
20S16P

ALBETDIN94PK0072302

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