



Engineering Department

Rajasthan State Road Transport Corporation (RSRTC)



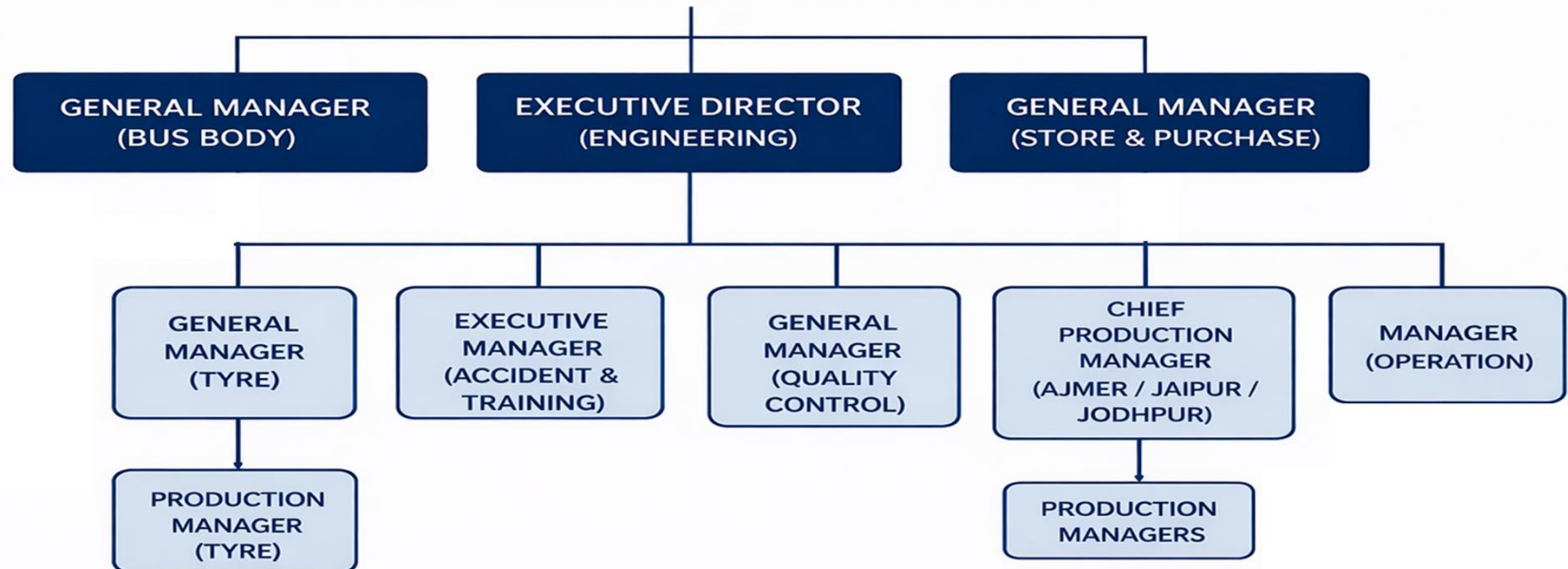
Engineering Department Overview

- * निगम की लगभग **2500 वाहनों** के सुरक्षित एवं समयबद्ध संचालन हेतु Preventive Maintenance, Scheduled Docking एवं Heavy Repairs का प्रभावी क्रियान्वयन।
- * निगम वाहनों के रखरखाव हेतु स्पेयर पार्ट्स, एग्रीगेट्स एवं उपभोग्य सामग्रियों की समयबद्ध व्यवस्था एवं आपूर्ति।
- * “मेरी बस मेरी जिम्मेदारी” अभियान के माध्यम से बसों की गुणवत्ता, स्वच्छता, सुरक्षा, यात्री सुविधाओं एवं पर विशेष ध्यान।
- * केन्द्रीय कार्यशालाओं द्वारा एग्रीगेट / बस री-कंडीशनिंग, दुर्घटनाग्रस्त वाहनों की मरम्मत तथा स्कैप प्रबंधन ।
- * टायर रिट्रेडिंग, टायर लाइफ मॉनिटरिंग एवं मांग आधारित सामग्री प्रबंधन प्रणाली का सफल संचालन।
- * RTPP प्रावधानों के अनुरूप पारदर्शी खरीद प्रक्रिया पनाते हुए चेसिस/बसों का क्रय तथा बस बॉडी निर्माण।
- * अजमेर स्थित **Automated Driver Training, Testing & Skill Institute** के माध्यम से चालकों एवं परिचालकों को सड़क सुरक्षा, ईंधन दक्षता एवं कौशल उन्नयन का नियमित प्रशिक्षण।
- * न्यूनतम दुर्घटना दर बनाए रखने तथा सड़क सुरक्षा के क्षेत्र में निगम को समय-समय पर भारत सरकार एवं ASRTU द्वारा सम्मानित किया जाना।



Engineering Section Structure

RSRTC ENGINEERING SECTION





Duties of Manager Operation

- * Overall depot workshop incharge
- * Preventive, scheduled & Heavy docking Maintenance of Vehicles
- * Duty charting of Drivers as per schedules
- * Monitoring of spare parts store
- * Operation of vehicles on time as per schedules
- * Fitness of vehicles
- * Monitoring of Workshop parameters as KMPL,Oil topup,breakdown etc.
- * Utilization of man power



Central Workshop

RSRTC CENTRAL WORKSHOP SYSTEM (CWS) COVERED DEPOTS

Central Workshop – Jaipur

Covered Depots: 15

- Deluxe
- Dausa
- Vaishali Nagar
- Kotputli
- Shahpura
- Jaipur
- Vidhyadhar Nagar
- Dholpur
- Hinduan
- Karauli
- Lohagarh
- Matasya Nagar
- Tijara
- Alwar
- Bharatpur

Central Workshop – Jodhpur

Covered Depots: 14

- Abu Road
- Barmer
- Falna
- Jodhpur
- Jalore
- Jaisalmer
- Phalodi
- Pali
- Sirohi
- Banswara
- Dungarpur
- Pratapgarh
- Rajsamand
- Udaipur

Central Workshop – Ajmer

Covered Depots: 24

- | | |
|-----------------|---------------|
| ● Ajmer | ● Baran |
| ● Ajaymeru | ● Kota |
| ● Bhilwara | ● Sawai |
| ● Didwana | ● Madhopur |
| ● Kekri | ● Tonk |
| ● Nagaur | ● Churu |
| ● Anoopgarh | ● Jhunjhunu |
| ● Bikaner | ● Khetri |
| ● Ganganagar | ● Sikar |
| ● Hanumangarh | ● Jhalawar |
| ● Sardarshahar | ● Beawar |
| ● Bundi | ● Chittorgarh |
| ● Shri Madhopur | |



Central Workshop & CPM

Key Functions

- * **Central Workshop Works**
 - * Reconditioning of vehicles & accident repair
 - * Reconditioning of major/minor assemblies
 - * Distribution to depots as per requirement
 - * Scrap vehicles & parts condemnation and auction
- * **Chief Production Manager (CPM)**
 - * Overall administration of Central workshop
 - * Monitor production (Quantity & Quality)
 - * Ensure timely repair & assembly supply
 - * Manage scrap disposal & auction process



Tyre Plant & GM Tyre

Key Functions

Core Functions

- * Retreading and monitoring of tyres
- * Storage & distribution of tyres to depots
- * Manage scrap tyre disposal & auction process

Procurement

- * Requirement sent based on depot operations
- * New tyre purchase by **Central Store**

Operations

- * Supervision of tyre plants
- * Ensuring proper utilization of tyres

Planning & Forecasting

- * Demand forecasting of retreading material
- * Planning as per operational requirements

Production Monitoring

- * Monitoring retreaded tyre production
- * Ensuring **quantity & quality** Casing life monitoring **standards**



General Manager (Bus Body) – Key Responsibilities

Procurement Planning

- * Work as per **budget provisions**
- * Coordinate with **Traffic Section** for vehicle requirement

Chassis Procurement

- * Purchase suitable chassis / bus as per requirement
- * Follow **RTPP Act 2012 & Rules 2013**

Bus Body Fabrication

- * Bus body fabrication of different categories of buses through competitive bidding process .
- * Ensure timely availability of vehicles

Compliance & Control

- * Ensure transparency in procurement process
- * Maintain quality and technical standards



STORE AND PURCHASE SECTION

- * All the items such as HSD, spare parts, tyre & retreading material, Oil & lubricants, paper etc. are purchased centralized by **Purchase** Section.
- * Purchasing is done on the basis of e-tender as per RTPP act 2012 and rules 2013.
- * Checking the quality of goods purchased by purchase section.
- * After **inspection** of material, random samples are sent to CIRT, Pune for testing.
- * After inspection, goods are taken in to stock and then **issued** to units.(Depot and Central workshops)



Technical Officer / supervisor position (As on April 2026)

<u>S.No.</u>	<u>Position</u>	<u>General Manager</u>	<u>Jt. General Manager</u>	<u>DME</u>	<u>AME</u>	<u>JEN''A''/S.F</u>	<u>JEN''B''/J.F.</u>
1	Sanction	2	5	15	44	72	273
2	Working	Nil	5	15	24	37	73
3	Short	- 2	0	0	- 20	- 35	- 190



Technical staff position (As on April 2026)

<u>S.No.</u>	<u>Position</u>	<u>Artizan Gr. I</u>	<u>Artizan Gr. II</u>	<u>Artizan Gr. III</u>
1	Sanction	1105	1590	1924
2	Working	499	526	42
3	Short	- 606	- 1064	- 1882



Class wise Fleet position

(April 2026)

<u>Category</u>	<u>No. of Vehicles (Corp.)</u>
Blue Line	2412
Midi	24
Non AC Sleeper & Star Line	4
Super luxury (Volvo/ Scania)	12 +26
Total	2478



Accident and Training

Enhance road safety through advanced driver training & testing

Automated Driver Training, Testing & Skill Institute , Ajmer

Project Model

- * Developed on DBOOT (Design, Build, Own, Operate & Transfer) basis for 20 years
- * Training areas include:
 - * Road Safety
 - * Driving Skills
 - * Fuel Efficiency
 - * Behavioral Training



Trained Manpower

Financial Year

No of Drivers

No of Conductors

2021-22

453

419

2022-23

677

566

2023-24

495

387

2024-25

371

136

2025-26

490

164



Accident Vehicle Statistics

- * **RSRTC has been recognized by Government of India and ASRTU**
Awarded from time to time for:
- * **lowest accident rate**
- * **Road safety awards**

<u>Year</u>	<u>No. of Accidents</u>	<u>Accident rate per 01 Lacs km</u>
2021-22	136	0.05
2022-23	168	0.05
2023-24	183	0.06
2024-25	148	0.05
2025-26	134	0.04



मेरी बस मेरी जिम्मेदारी

अभियान का उद्देश्य

- * यात्रियों को बेहतर सुविधाएँ उपलब्ध कराना
- * बसों की भौतिक एवं यांत्रिक स्थिति में सुधार
- * बसों की सुरक्षा एवं विश्वसनीयता बढ़ाना
- * आगार स्तर पर जवाबदेही सुनिश्चित करना
- * बसों के रखरखाव में स्वामित्व की भावना विकसित करना
- * निगम की छवि में सुधार करना



अभियान की अवधारणा

“एक बस – एक प्रभारी – एक पर्यवेक्षक”

वाहन प्रभारी

दैनिक निरीक्षण

वाहन पर्यवेक्षक

प्रत्येक 3 दिवस में समीक्षा

आगार प्रभारी

साप्ताहिक मॉनिटरिंग



बसों में कराये जाने वाले प्रमुख कार्य

यांत्रिक कार्य

बॉडी रिपेयर

डीजल औसत सुधार

पेंटिंग

डिस्प्ले नम्बर

इलेक्ट्रिकल मरम्मत

टायर

यात्री सुविधाएँ

साफ-सफाई

सुरक्षा उपकरण

फर्स्ट एड

पैनिक बटन

यात्री सीटें

दिशा निर्देश अंकन



Before –After pictures





Thank you

Rajasthan State Road Transport Corporation (RSRTC)