

A. Zonal Office

1) Brief History:

To enforce standardization and co-ordination amongst various railway systems, the Indian Railway Conference Association (IRCA) was set up in 1903, followed by the Central Standards Office (CSO) was set up at Shimla in 1930, for preparation of designs, standards and specifications. However, till independence, most of the designs and manufacture of railway equipments was entrusted to foreign consultants.

With Independence and the resultant phenomenal increase in country's industrial and economic activity, which increased the demand of rail transportation - a new organisation called Railway Testing and Research Centre (RTRC) was setup in 1952 at Lucknow, for testing and conducting applied research for development of railway rolling stock, permanent way etc.

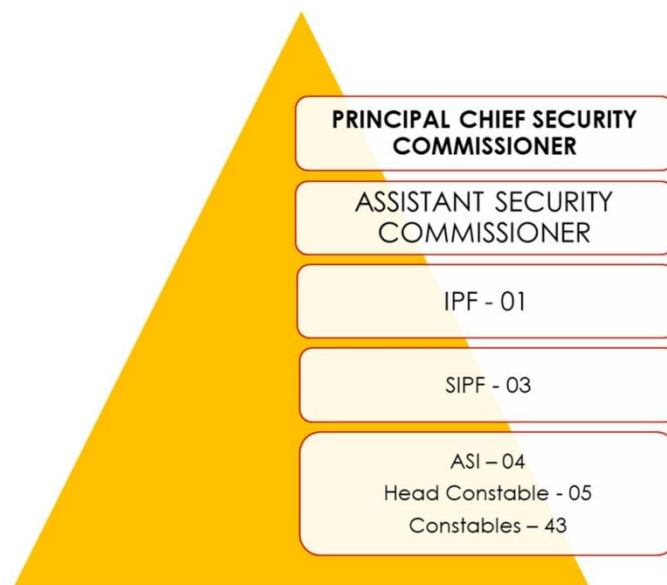
Central Standards Office (CSO) and the Railway Testing and Research Centre (RTRC) were integrated into a single unit named Research Designs and Standards Organisation (RDSO) in 1957, under Ministry of Railways at Lucknow.

The status of RDSO has been changed from an 'Attached Office' to 'Zonal Railway' since 01.01.2003.

RDSO is headed by a Director General, assisted by Additional Director General, Principal Executive Directors and Executive Directors, heading different Directorates. The RPF finance and personnel departments are working under the Administration vertical.

Security Directorate came into existence in April 2012. At Present, the Security Directorate, RDSO is headed by DIG cum Principal Chief Security Commissioner, RPF.

Organisational Structure:



Present Role of Security Directorate:

- **To give opinion/advice for security related matter & items for the various Directorates in their study/development work and to associate in important tests/trials.**
- **Standardization, Updating and Revision of Modern Security Equipment and other Security related items.**
- **Customization of Security Related Technology available in Open Market as per needs of Railways through interaction with Private Sector Companies.**
- **Liaison and Coordination with Research Wing of Army, Central Armed Forces, Police, DRDO foreign-institutions etc. for bringing about an overall improvement in the Quality of Performance of the Force.**

- Rendering consultancy services on security related equipment to Zonal Railways and development, adaption & absorption of new technology for security related items & equipment's on Indian Railways.
- Field trial of new security equipment under process of installation and inspection of performance of security related items being used on Zonal Railways.
- National and International collaboration in Research, Training & Development.
- Technical assistance to Railway Board and Zonal Railways/Production/Units on security matters.
- Any other item advised by DG. RDSO, DG/RPF and Railway Board.

2) Salient Features:

Security Directorate RDSO has revised the Specifications of Following Security Equipment's which are available on security Directorate website (https://indianrailways.gov.in/railwayboard/view_section.jsp?lang=0&id=0,1,304,366,533,2174)

- BDDS Equipments
- Unmanned aerial Vehicle (UAV),
- X-Ray Baggage Scanning Machine (Small and Large),
- DFMD
- HHMD
- Bullet Proof Morcha
- Body Worn Camera
- Passive Night Vision Binocular
- Digital Night Vision Goggles
- Body Worn Camera for QRT & Commando Unit.
- Anti Drone System

Ongoing Projects/Activities:

- Updation of Intelligence Manual for Special Wing of the Force
- Handsfree Preparation of Food Scheme for RPF Mess
- Secure Railway Station

- **Minimisation of Deaths on the Railway Tracks**
- **Participation in International & National Level Conferences**
- **Publication of Articles/Technical Paper**

3) Organizational structure:

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