

## INVENTORY CONTROL OF TYRES TUBES & BATTERIES (TTB) AND LUBRICANTS OF VEH/EQPT/ PLANTS: A PRACTICAL APPROACH FOR ALL USER UNITS OF BORDER ROADS ORGANISATION

*R K Singh*

*Research Scholar, Tantia University, Sri Ganganagar, Rajasthan, India*

**Received: 28 Feb 2021**

**Accepted: 17 Mar 2021**

**Published: 31 Mar 2021**

### **ABSTRACT**

*The Border Roads Organisation (BRO) develops and maintains road networks in India's border areas and friendly neighboring countries. BRO operates in 19 states and three UTs (Andaman and Nicobar Islands, J&K and Laddakh), and neighboring countries such as Afghanistan, Bhutan, Myanmar, and Sri Lanka. BRO operates and maintains over 32,885 kilometers of roads and about 12,200 meters of permanent bridges in the country. The BRO operates through 18 Projects namely: Arunank, Beacon, Brahmank, Chetak, Deepak, Dantak, Himank, Hirak, Pushpak, Sampark, Setuk, Sewak, Shivalik, Swastik, Udayak, Vartak, Vijayak and Rohtang Tunnel. BRO is instrumental in significantly upgrading and building new Indo-China Border Roads. This is only organization in India, working with own expertise and machineries. All development activities are being done by various modern and advanced Vehicle/ Eqpt / Plants. Their needs of Tyres, Tubes and Batteries etc and lubricants and its periodical change with new one is a challenging job for all user units. Hence a dedicated and practical approach is needed to overcome these works to avoid idling due to this. It also ensures optimal availability of equipment for actual job on ground. Therefore, this study is done after a detailed analysis and taking feedback from staff working on ground. This enables user to stock optimal quantity of TTB and lubricants to avoid deterioration in store and at the same time to fulfill requirement on ground. There is a huge saving on blockage of cost of inventories.*

**KEYWORDS:** *Vehicle/Eqpt/Plants, Inventory Control, Commonality, Field Workshop, Base Workshop, Preventive Repair & Maintenance, Tyres, Tubes & Batteries and Lubricants Etc*