

## **HIGHLIGHTS:**

### **(A.) ISO Certification of Depot, Yards & Sick Lines and 5-S, Lean Six Sigma Certification of BOXN ROH Depot in Asansol Division:**

Asansol Coaching Depot (Old and New), BOXN ROH Depot/Andal, Freight Examination Yards (i.e. UP Yard, West Down Departure Yard, Empty Yard, DSEY & Chinpai Yard)/Andal and Sick lines (Up Sick line, Down Sick Line & DSEY Sick Line)/Andal are covered under IMS Certification ISO 9001:2015, ISO 14001:2015 & ISO 18001:2007). These IMS Certification addresses to Quality, Environment (EMS) and Occupational Health & Safety (OHSAS).

BOXN ROH Depot, Andal in consultation with M/s Quality Circle Forum of India, Kolkata Chapter has implemented Modern Quality Concept i.e. 5S (Workplace Management System). BOXN ROH Depot, Andal is first ROH Depot in Eastern Railways to obtain the '5S' Certification.

Further, BOXN ROH DEPOT/Andal has also been certified with ISO 50001:2018 & ISO 3834-2:2005; Up Sick Line, Andal certified with ISO 3834-2:2005 in September 2020, valid for 03 years and LEAN SIX SIGMA Certification on 15 December 2019. Lean Six Sigma is a process improvement methodology designed to eliminate problems, remove waste and inefficiency, and improve working conditions to provide a better response to customers' needs.

### **(B.)Up-gradation of Up Yard & West Down Departure Yard at Andal as Smart Yard:**

- 1. Digitized Optical based Remote Monitoring system for Rolling Stock In & Out Examination at Up Yard, West down Departure Yard and Durgapur Steel Exchange Yard:** Digitized Optical Based remote monitoring system for Freight rakes Rolling in & out has been installed at strategically important locations at Up-Yard, West down Departure Yard and Durgapur Steel Exchange Yard Andal, covering rakes movement to and from the Yard. Software of this system is very simple and user friendly, provides graphical presentation of data for easy analysis.



- 2. SCADA based Rake Test Rig at Up Yard, Andal:** New automatic SCADA based Rake Test Rig been procured and provided at Up Yard. This has replaced existing Analogue Rake Test Rig. This Test Rig is very accurate and precise in time and pressure measurements, which has improved testing quality of Rakes.



**3. Widening of Pathway for fast movement of Man & Material:** Widening of 03 pathways has been done at Up Yard and WDD Yard for faster movement of Man & Material in Yards.



**4. Runway Light with proper illumination of Up Yard:** New Runway lights have been provided for proper illumination for Under Gear examination of rakes. Other light fittings have also been converted to LED lights. Proper illumination of entire yard is ensured by providing additional light fittings at required locations.



**(C.) On-site repair of Unloadable wagons by Flying Gang:**

Repair of Unloadable BOXN wagons at siding itself was started in November 2019 by C&W Department/ Asansol Division. Total 7191 BOXN wagons (Average 19.70 wagons per day) have been repaired at sidings in 2020-21.