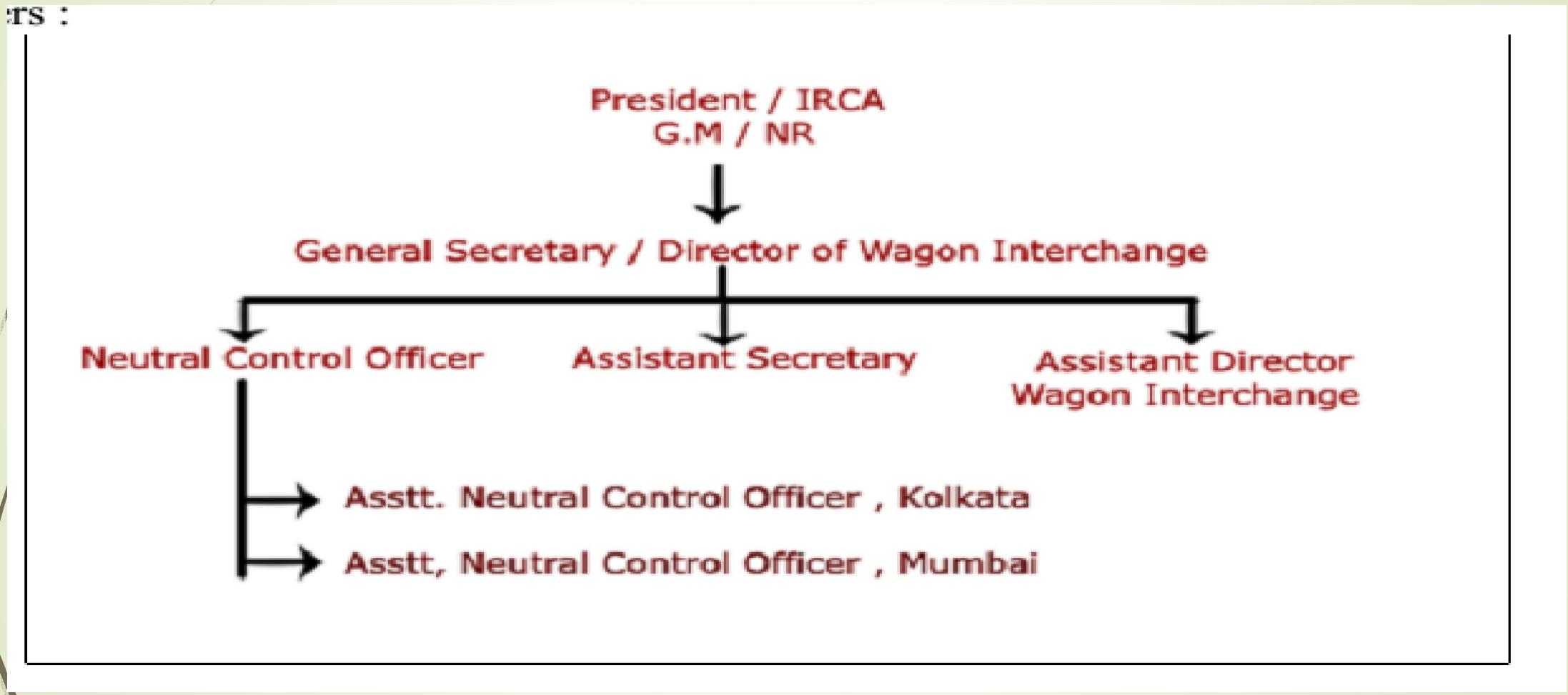
NTXR EXAMINATION

NAVEEN CHANDRA JAISWAL

SR.LECTURER/STC

Organisation of IRCA



FUNCTIONS OF NEUTRAL CONTROL

Neutral Control at the Indian Railway Conference Association (IRCA) functions under the direct control of Neutral Control Officer (NCO) and is responsible for the following activities of IRCA:

1. Super check and Quality Audit of ROH (18/24 monthly) of Freight Stock in ROH depot and issue of Fit Certificate for movement on line.

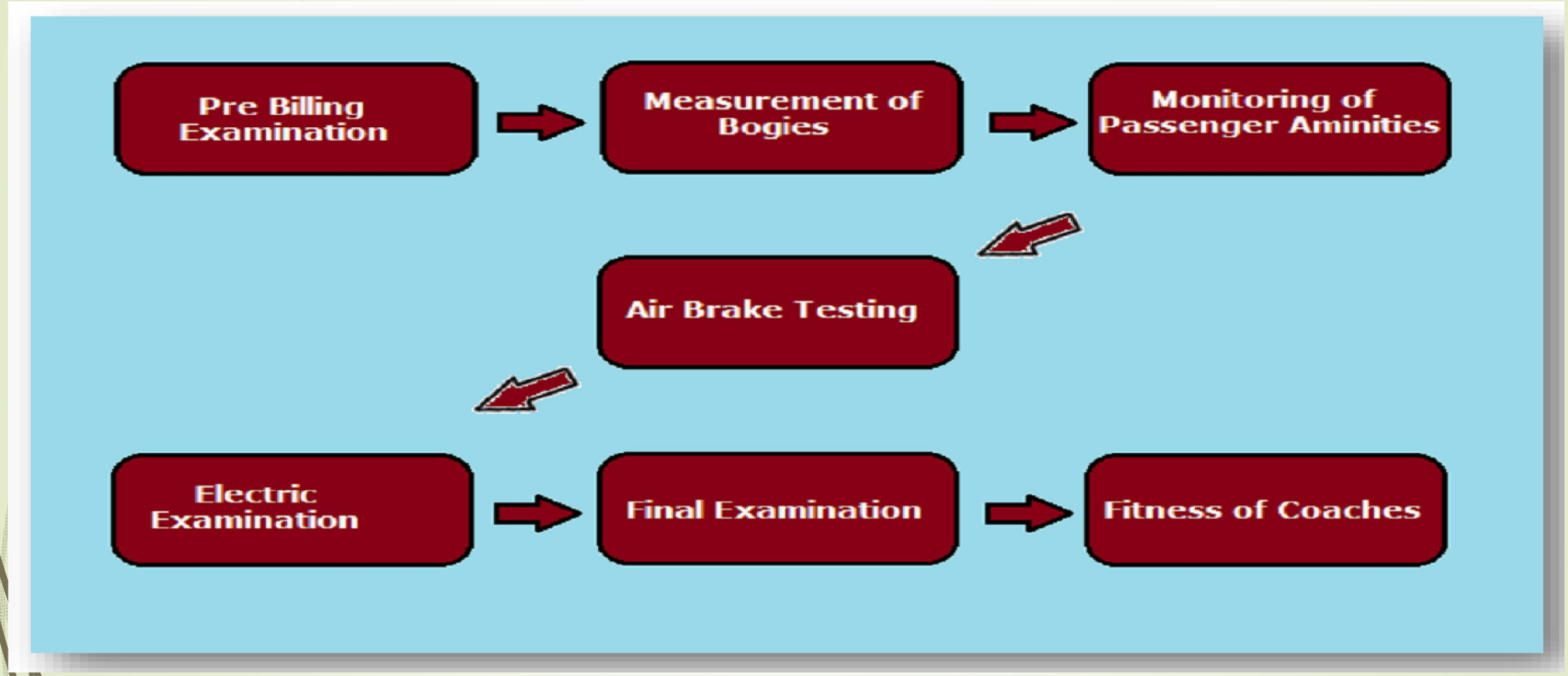
2. Super check and Quality Audit of POH/NPOH of Freight Stock in Wagon Workshop and issue of Fit Certificate for movement on line.

3. Super check and Quality Audit of POH/IOH of Coaching Stock in Coaching Workshop and issue of Fit Certificate for Passenger Use on line.

Step-I: Since rolling stock are being POHed in workshop hence complete hair to heel examination is being done with minute to minute attention and examination. In terms of measurements, Gauging, use of Tamplets, Fixtures and Lifting disassembling and assembling. N.C staff conducted Pre-examination of rolling stock with the help of Standard Check list as per I.R.C.A part –IV RULES. All deficiencies, damages and defects are being noticed and same communicated to Local Authorities of Workshop (concerning S.S.E's Of Workshop)

Step-II: C.H.P (Critical Hold Points) as cambering/pairing of springs, gauging, buffer height,(Dimension-A,B,C and Z), Ultrasonic testing, Zyglo testing, Magnaflux testing of Bio toilets are being closely monitored by N.C Staff. Main emphasis is given to trammeling of trollies, Brake gear adjustment corresponding to running gear adjustment, including pneumatic testing of DV, Brake cylinders and alarm chain testing whereas propagation capacity of DV in which sensitivity and insensitivity test, charging application and release time and manual release are being done.

Step-III: After attending specific POHed schedule i.e. 18 and 21 days of N.A.C and A.C Coaches. Final examination is being conducted by Neutral Staff with keeping basic concept of Zero defect. N.C staff is issuing fit memo for turn out Coaches.


Pre Billing Examination
Measurement of Bogies
Monitoring of Passenger Aminities
Air Brake Testing
Electric Examination
Final Examination
Fitness of Coaches

ANY QUESTION?

THANK YOU