

Zonal Safety Circular No: 07/2022

Sub: - Permissible air leakage rate in coaching and freight trains.

In order to ensure safe running of trains, it is necessary to keep air pressure leakages within permissible limit.

1. The air pressure leakages should be tested by using RTR (Rake Test Rig) for yards/washing lines.

Type of Rolling stock	Permissible leakage rate
Freight trains	BP : 0.25 Kg/cm ² per min FP : 0.25 Kg/ cm ² per min
Coaching trains	BP : 0.2 Kg/ cm ² per min FP : 0.2 Kg/ cm ² per min

2. It is important to do "Sensitivity" and "Insensitivity" tests for individual wagons and coaches during maintenance at sickliness/Depots/Workshops by using SCTR for coaching stock and SWTR for freight stock.

Rolling stock	Type of test
Freight stock and coaching stock	a. Insensitivity test: - Brake should not apply when BP is reduced at rate of 0.3 Kg/cm ² in 60 seconds. b. Sensitivity test: - Brakes should apply when BP is reduced at rate of 0.6 Kg/cm ² in 6 seconds.

ASO/Mech/SECR
For PCSO/SECR

- Copy to:**
1. PCME/SECR for information.
 2. DRM/BSP, R & NAG for information and necessary action.
 3. CWM/WRS & MIB for information and necessary action.
 4. Sr. DME/BSP, R & NAG for information and necessary action.
 5. Sr. DSO/BSP, R & NAG for information and necessary action.