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No. MC/LHB/Brake

Date: 22.05.2020

**Principal Chief Mechanical Engineer,  
South Eastern Railway,  
Garden Reach,  
Kolkata - 43**

**Sub:** Instruction for operation of LHB trains with single pipe working.

**Ref:** i) S.E.Rly letter no. M2/C-17/Coaching Policy/Pt.II/27 dated 03.03.2020.

ii) This office letter of even no. dated 19.05.2011.

Vide reference (i) above, S.E.Rly has sought clarifications on instructions regarding single pipe working of LHB coaches issued by RDSO vide ref (ii) above. The clarifications are provided below:

**(A):** *Whether the above instruction is applicable for only LHB Rajdhani coaches or for all LHB type coaches.*

- The instructions vide ref (ii) above were circulated in order to address issues raised by Zonal Railways related to speed certificate for operation of Rajdhani express and other similar trains comprising of LHB variant coaches.

In view of the recent proliferation of LHB coaches, it is clarified that the instructions issued vide letter at ref (ii) are applicable for all LHB type coaches.

**(B):** *Also specify whether the train can be allowed up to destination station at a restricted speed of 100kmph (with single pipe working) if the problem cannot be rectified en-route or can be worked without any speed restriction up to destination.*

- The instructions contained in this office letter at ref (ii) are to be followed. However, if the train is permitted in single pipe working at a restricted speed of 100kmph till destination following conditions shall be applicable:
  - a. In case the train formation consists of any coach with automatic doors for whose functionality FP supply is required, Railways must ensure proper and safe manual operation of automatic doors in the entire train during single pipe operation.
  - b. In case the train formation consists of any coach with air spring, instructions contained in RDSO letter no. SV.AS.ML dated 30.10.2019 shall be applicable.
  - c. After single pipe working en-route, the train should be checked & certified at the first opportunity by TXR that the train can be permitted to run with single pipe working.

**(C):** *In case of deflated air spring in LHB coaches, RDSO has already issued instruction to allow the train at a restricted speed of 60kmph up to the terminal point. The same is being followed.*

- Instructions as detailed in RDSO letter no. SV.AS.ML dated 30.10.2019 should be followed.

It is also clarified that in case of non-availability of pressurized air, the bio-vacuum toilet shall remain usable as normal bio-toilet (as per clause 4.5 of RDSO specification RDSO/2017/CG-06 Rev.03 for bio-vacuum toilets).

DA: Nil.

(Shailendra Kr. Sharma)

Jt. Director/Carriage  
for Director General/Carriage

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