

BPC RULES

**FREIGHT TRAINS IN SWR
AS PER SWR/M/ N/31/POLICY.**

Dt : 11/2009

BRAKE POWER CERTIFICATE

- It is an important document prepared by the train examiner in prescribed form in triplicate and jointly signed by Train examiner, Guard and loco pilot.
- This is issued after a thorough examination and testing of the formation for the effectiveness of brake power

CERTIFICATE BRAKE POWER CERTIFICATE

- CLOSE CIRCUIT RAKES.- YELLOW.
- PREMIUM RAKE-GREEN.
- END TO END AIR BRAKE- GREEN,
- END TO END VACUM BRAKE- PINK

SPEED RESTRICTIONS

- Speed restrictions if any, are to be clearly entered in the Brake Power Certificate,
When the train having any restriction due to
 - ISMD loads,
 - Traveling Crane,
 - Damaged vehicles / Sick vehicles.
 - Clamped wagons.

PATTERN OF EXAMINATION

- ❑ **CLOSED CIRCUIT RAKE**
 - **AIR BRAKE STOCK ONLY**
- ❑ **PREMIUM INTENSIVE END TO END**
 - **BOX N, BTP N & BCN ONLY**
- ❑ **NON CLOSED CIRCUIT INTENSIVE RAKE [END TO END].**
 - VACUUM AND AIR BRAKE STOCK**

- INTENSIVE TRAIN EXAMINATION
- CLOSE CIRCUIT RAKE
- PREMIUM RAKE
- END TO END
- AIR
- VACUUM

BRAKE POWER

- CLOSED CIRCUIT RAKE.
- PREMIUM INTENSIVE END TO END.
- INTENSIVE RAKE [END TO END].
- 100%
- MINIMUM - 95%.
- AIR BRAKE - 90%.
- VACUUM BRAKE- 85%.

VALIDITY OF BPC

- CLOSED CIRCUIT RAKE.
- PREMIUM INTENSIVE END TO END.
- INTENSIVE RAKE [END TO END].
- 30 DAYS/ 6000 KMS WHICHEVER IS EARLIER
- 12 DAYS PLUS GRACE PERIOD OF THREE DAYS
- UPTO LOADING POINT & FURTHER TO UNLOADING POINT

BPC SHALL BECOME INVALID

In case of cc rake ,if

- Rake is stabled for more than 24 hrs in train examination yard.
- The kilometers are not recorded/discontinued by the train crew (valid only for 20 days) from the date of issue of BPC.

BPC SHALL BECOME INVALID

In case of cc rake ,if

- Rake integrity is disturbed for more than four wagons [10 fwus].
- Formations with invalid BPC to be moved on GDR check to the nearest TXR point

IMPORTANT CHECKS BY GDR ON CC RAKE

- BPC prepared in triplicate and yellow in colour
- In BPC the names of zones over which valid should only be mentioned

IMPORTANT CHECKS BY GDR ON CC RAKE

- Individual wagon number and by should be entered in BPC
- Validity in kms/days whichever is earlier
- Individual wagon number and by should be entered in BPC

IMPORTANT CHECKS BY GDR ON CC RAKE

- Validity in kms/days whichever is earlier
- Post loading check of all trains loaded with steel consignment will be done by C&W staff

IMPORTANT CHECKS BY GDR ON CC RAKE

- No intermediate examination is required by TXR except for the unloading of wagons done by tripling operation
- In case less than 3 rakes are being tripped per day check will be carried out by GDR

IMPORTANT CHECKS BY GDR ON CC RAKE

- Any detachment/attachment of wagons at out stations shall be entered and endorsed by GDR in BPC
- The rakes going down the ghat between CLR-QLM and SKLR-SBHR will be checked by C&W staff for adequacy of minimum brake power of 90%

IMPORTANT CHECKS BY GDR ON CC RAKE

- For other railway cc rakes running on SWR when invalid in empty condition will endorsed by nearest nominated TXR point
- For SWR or other railway cc rakes running on SWR when invalid in loaded condition will be moved by GDR check

- GUIDE LINES SHOULD BE FOLLOWED WHILE RUNNING CC RAKE.



CC RAKE

- NO CC RAKE SHALL BE DISSIPATED, DISINTEGRATED OR DISSOLVED WITHOUT THE SPECIFIC APPROVAL OF **CFTM** AND **CRSE**

IMPORTANT CHECKS BY GDR PREMIUM END TO END BPC

- BPC will be green in colour
- Formed out of air brake only
- Intensively examined in empty condition

IMPORTANT CHECKS BY GDR PREMIUM END TO END BPC

- BPC valid for 12 days from the date of issue
- After lapse of 12 days grace period of 3 days be permitted after intensive examination at first examination point

PREMIUM END TO END BPC

- After the lapse of 15 days from the date of issue even loaded rake will shall be offered for examination at first TXR point
- Rakes will be allowed for multiple loading /unloading

PREMIUM END TO END BPC

- Rakes will be turned out minimum of 95 % of brake power
- After each loading/unloading the rake will be examined by GDR before starting

PREMIUM END TO END

- In case of mechanised loading/unloading examination by TXR will be desirable
- Invalid BPC formations to be moved on GDR check to the nearest TXR point.

INTENSIVE (END TO END) EXAMINATION VACUUM BRAKE AND AIR BRAKE.

- Normally empty rakes shall be offered for examination
- BPC green in colour for air brake and pink paper for vacuum stock

INTENSIVE (END TO END) EXAMINATION VACUUM BRAKE AND AIR BRAKE.

- Individual wagon numbers will be entered in BPC
- Originating brake power for vacuum brake 85 %
- Originating brake power for air brake 90%

BPC OF END TO END RUNNING OF TRAINS INVALID IF

- Rake is stabled for more than 24 hrs at originating station or any enroute yard having train examination facilities.
- Destination not mentioned in BPC of loaded train.

BPC OF END TO END RUNNING OF TRAINS INVALID IF

- Destination mentioned in bpc of empty examined train
- Formations with invalid bpc to be moved on GDR check to the nearest TXR point

BPC OF END TO END RUNNING OF TRAINS INVALID IF

- Rake integrity is disturbed for more than four wagons [10 fwus].
- Vacuum brake stock empty examined rake not reach the loading point within 4 days of issue of BPC including the day issued.

BACK LOADING OF TRAINS

Back Loading is Permitted where

- facility of freight train examination exists, the loaded rake to be examined and BPC issued.

BACK LOADING OF TRAINS

- ❑ Non TXR station , the rake to be checked by guard and LP as per procedure and moved up to the next nominated freight examination point in direction of movement

POST LOADING /POST TIPLING CHECKS BY GDR

- All CBCs and Air hoses are properly coupled and locked
- All angle cocks at the connected end are in open condition

POST LOADING /POST TIPLING CHECKS BY GDR

- Last angle cock is in closed condition
- Empty/Load device handle is in proper position

- Hand brakes are in released condition
- Doors of wagons are closed and locked

- Continuity of air pressure
/vacuum before starting
- Prepare a joint memo in
triplicate and signed by GDR
and hand over a copy to SM