# PRESENTATION ON

Making Online Brake Power Certificate (BPC) on Freight Maintenance Management System (FMMS)

Presented By:
Abhishek Kumar
Senior Instructor/STC Ajmer

# FREIGHT MAINTENANACE MANAGEMENT SYSTEM (FMM)

- ONLINE SYSTEM.
- RECORDING OF ALL ACTIVITIES IN FREIGHT DEPOTS.
  - e.g. ONLINE BPC, ATTENDENCE MARKING, SICK LINE MODULE, ROH DEPOT MODULE ETC.

#### **PRE-REQIUISITES**

- Personal Computer with Windows OS & Basic Configuration.
- Internet Or Railnet Connection.
- Printer (Laserjet Preferably)
- Colour Papers as Per Colours Of BPC .
- Back-Ups and Standby System.
- User Id And Password Given By CRIS.

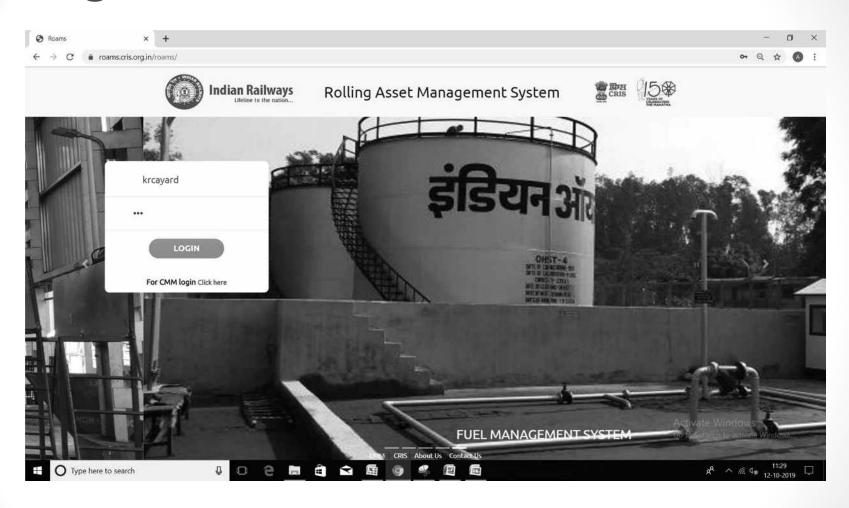
#### **HOW TO CREATE A BPC ONLINE?**

- After assembling PC and peripherals, one need to install a safe browser on PC e.g. Google Chrome or Mozilla Firefox.
- Open browser.
- Log on to roams.cris.gov.in
- You will get this page as:-

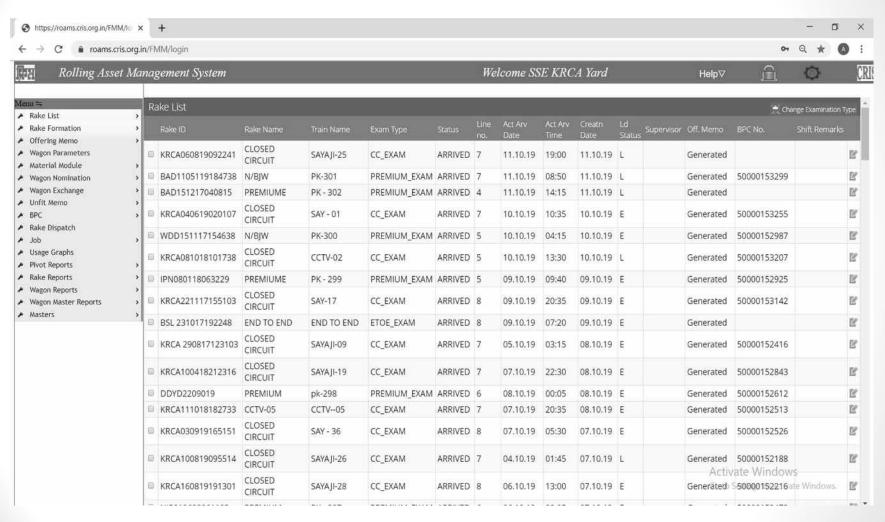
### www.roams.cris.gov.in



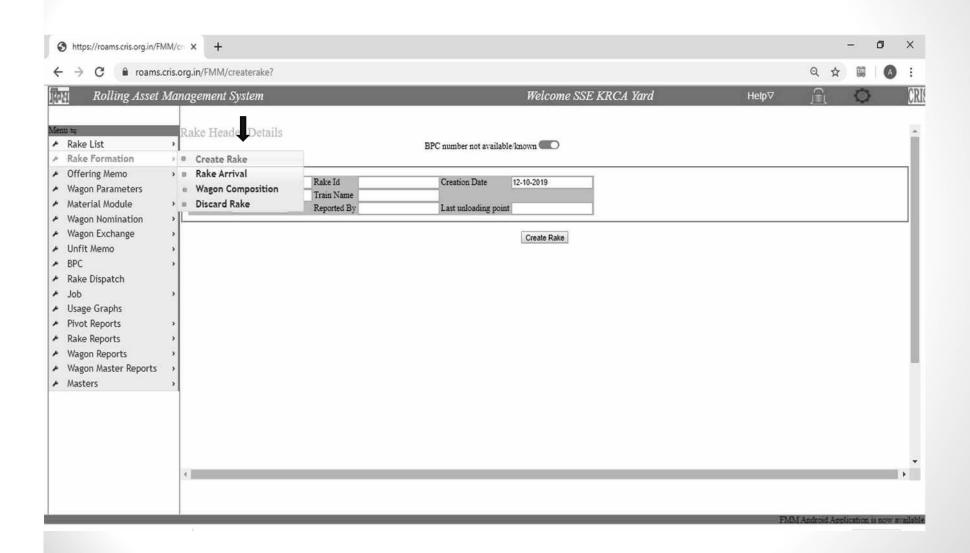
## Login with user id and Password.

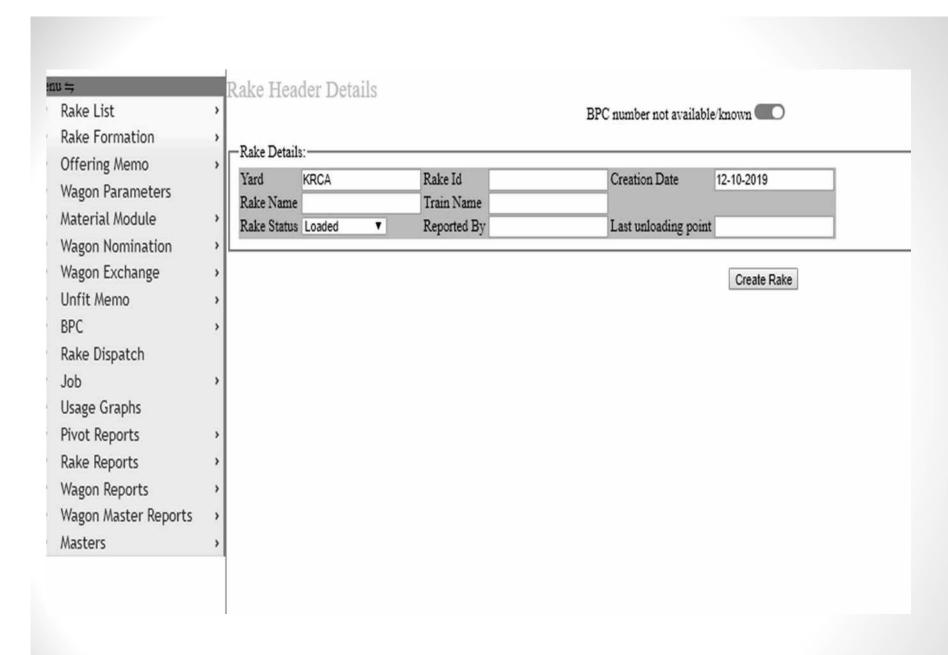


### Page will appear as below



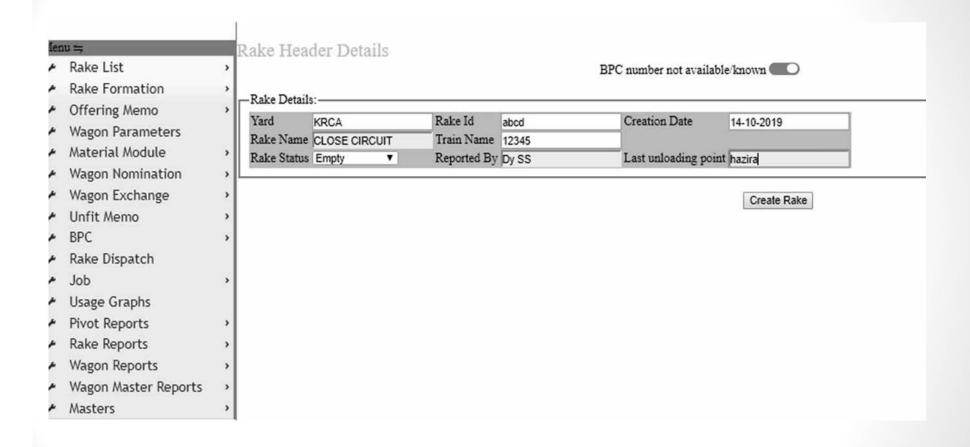
## Creating rake whose BPC is being generated for first time. Click on Create rake.



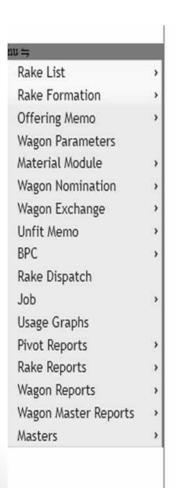


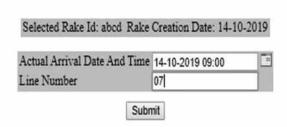
\* Rake id will be given by Operating Deptt.

#### Fill in the details & create rake



# After creating rake fill in actual arrival date, time & line no.





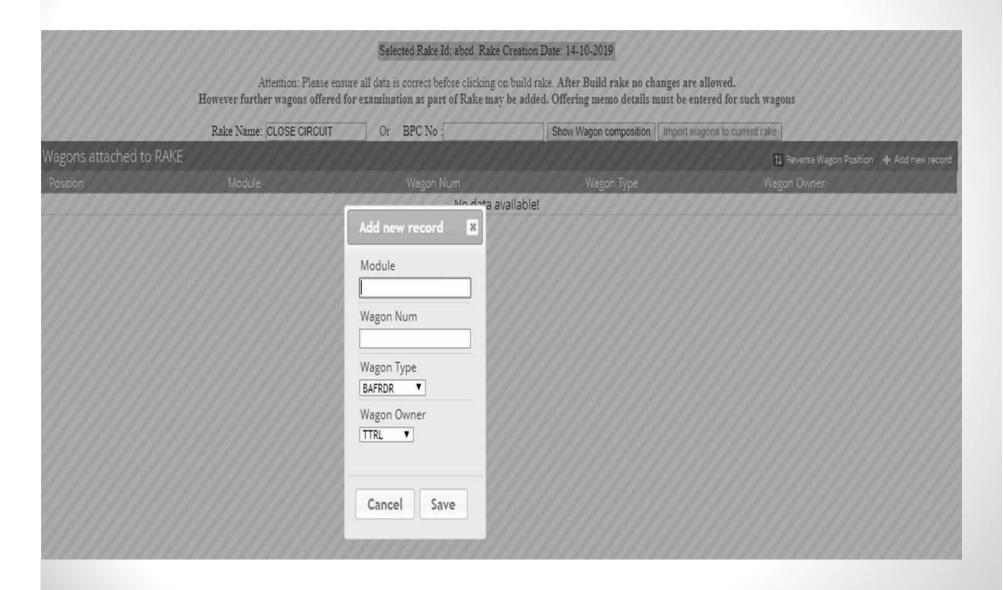
#### Selected Rake Id: abcd Rake Creation Date: 14-10-2019

Attention: Please ensure all data is correct before clicking on build rake. After Build rake no changes are allowed.

However further wagons offered for examination as part of Rake may be added. Offering memo details must be entered for such wagons

	Rake Name: CLOSE CIRCUIT	Or BPC No:	Show Wagon composition	Import wagons to current rake
Vagons attached to RAKE				11 Reverse Wagon Position + Add new record
Position	Module	Wagon Num	Wagon Type	Wagon Owner
		No data availa	ble!	

#### Adding wagon details of rake



Attention: Please ensure all data is correct before clicking on build rake. After Bu However further wagons offered for examination as part of Rake may be added. Offering Or BPC No: Rake Name: CLOSE CIRCUIT Show Wag No data available! Add new record 36 Module Wagon Num 40089860195 Wagon Type BTPN ▼ Wagon Owner WR ▼ Cancel Save

# Add all the wagons in the rake & click on 'Build Rake And Update Masters'.

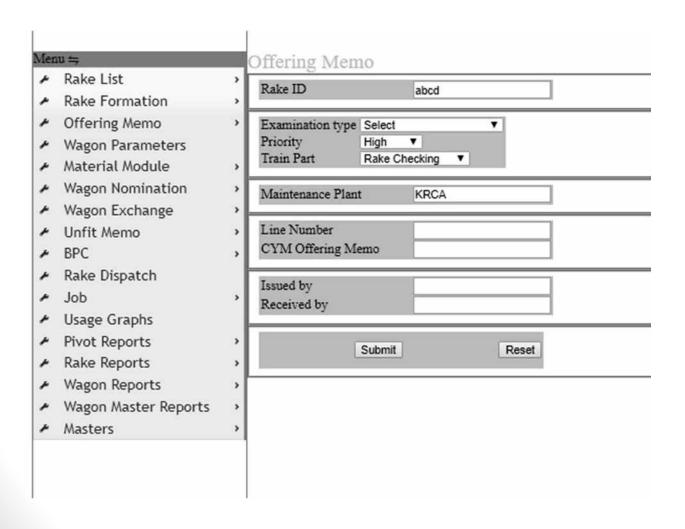
Attention: Please ensure all data is correct before clicking on build rake. After Build rake no changes are allowed.

However further wagons offered for examination as part of Rake may be added. Offering memo details must be entered for such wagons

CONCRETE TARGET TO GOOD TARGET CHERRY THE TRUE ATTIVITY AND

	Rake Name: CLOSE CIRCUIT	Or BPC No:	Show Wagon composition   Import wa	agons to current rake	
Wagons attached to RAM	Œ		🚊 Build Rake ar	d Update Masters 🍴 Reverse Wagon Position	+ Add new record
Position	Module	Wagon Num	Wagon Type	Wagon Owner	
0 1		40089860195	BTPN	WR	E I
■ 2		56587	BTPN	SCR	e i
<b>□</b> 3		12345	BTPN	SCR	e o
0 4		114456	BTPN	SCR	e o
□ 5		15466	BTPN	SCR	r o
0 6		795698	BTPN	SCR	ľ

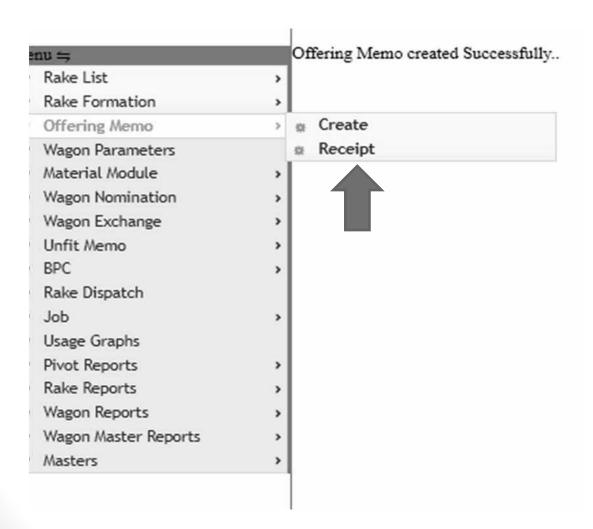
#### Offering memo for examination



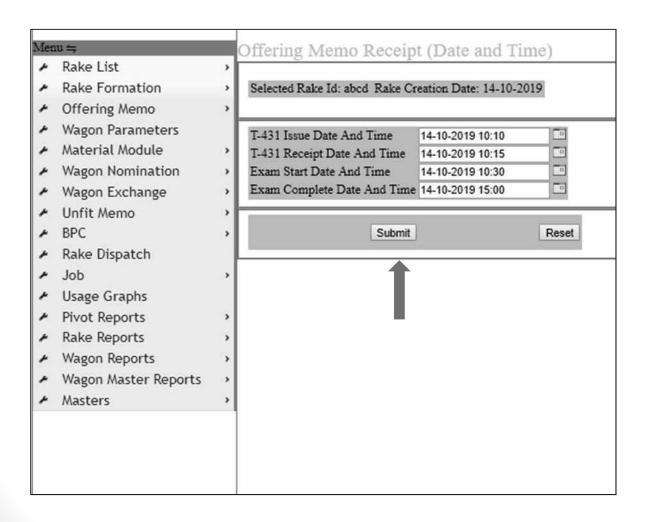
# Fill in details and click submit. Offering memo now created

currectully Offering Memo Rake List Rake ID abcd Rake Formation Offering Memo Examination type CC Examination • Priority Wagon Parameters High Train Part Rake Checking Material Module Wagon Nomination Maintenance Plant KRCA Wagon Exchange Line Number 07 Unfit Memo CYM Offering Memo T/431 BPC Rake Dispatch Issued by SS Job SSE Received by Usage Graphs **Pivot Reports** Submit Reset Rake Reports Wagon Reports Wagon Master Reports Masters

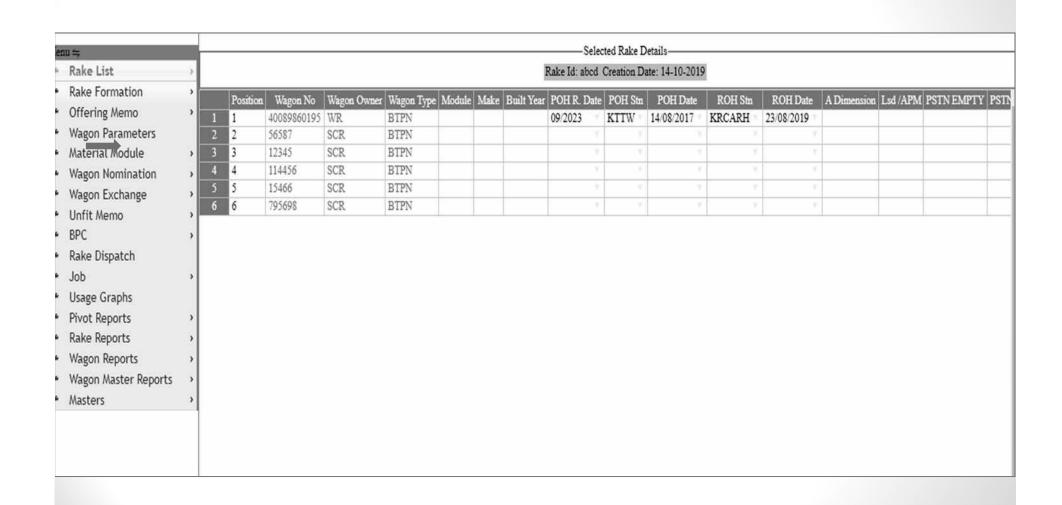
## Receiving the memo

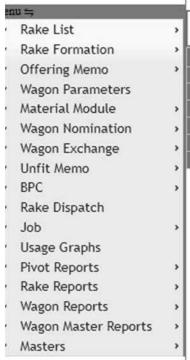


## Fill in the details



#### Wagon parameters



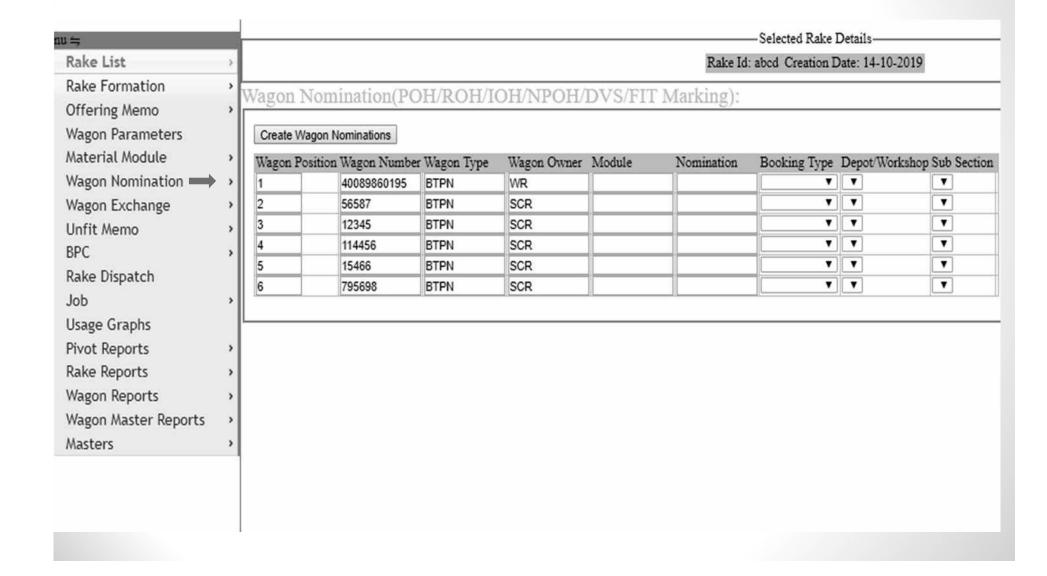


-Selected Rake Details-

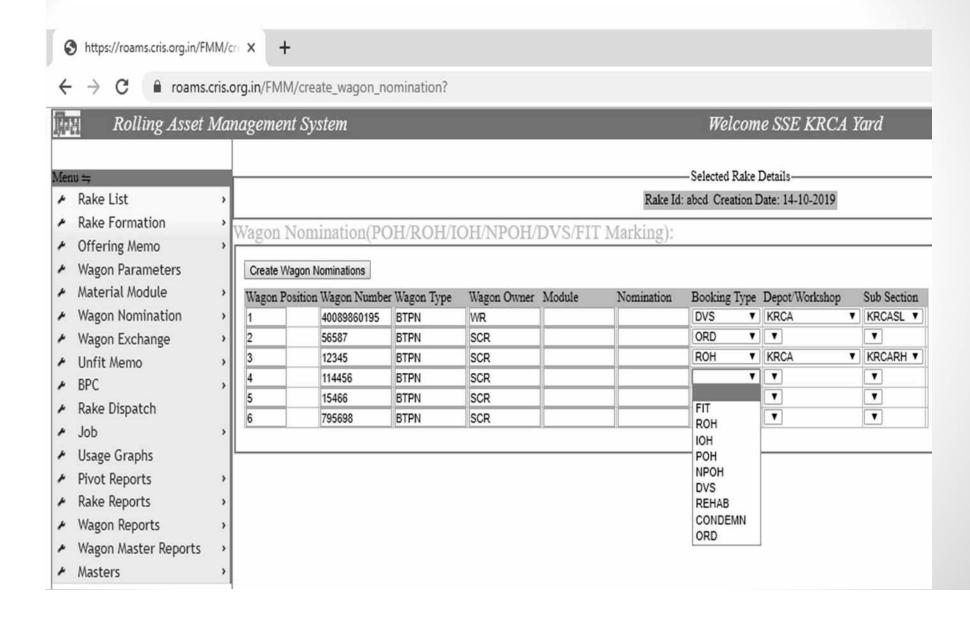
Rake Id: abcd Creation Date: 14-10-2019

	Position	Wagon No	Wagon Owner	Wagon Type	Module	Make	Built Year	POH R. Date	POH Stn	POH Date	ROH Stn	ROH Da
1	1	40089860195	WR	BTPN				09/2023	KTTW	14/08/2017	KRCARH	23/08/2019
2	2	56587	SCR	BTPN				10/2021	NBQW	16/09/2015	BRCYRH "	10/09/2018
3	3	12345	SCR	BTPN				V	V	V		
4	4	114456	SCR	BTPN				Y	Y	7	y	
5	5	15466	SCR	BTPN				9	y	Ť		
6	6	795698	SCR	BTPN				¥	v	.77	9	

#### Wagon nomination



### **Creating Wagon nominations:**



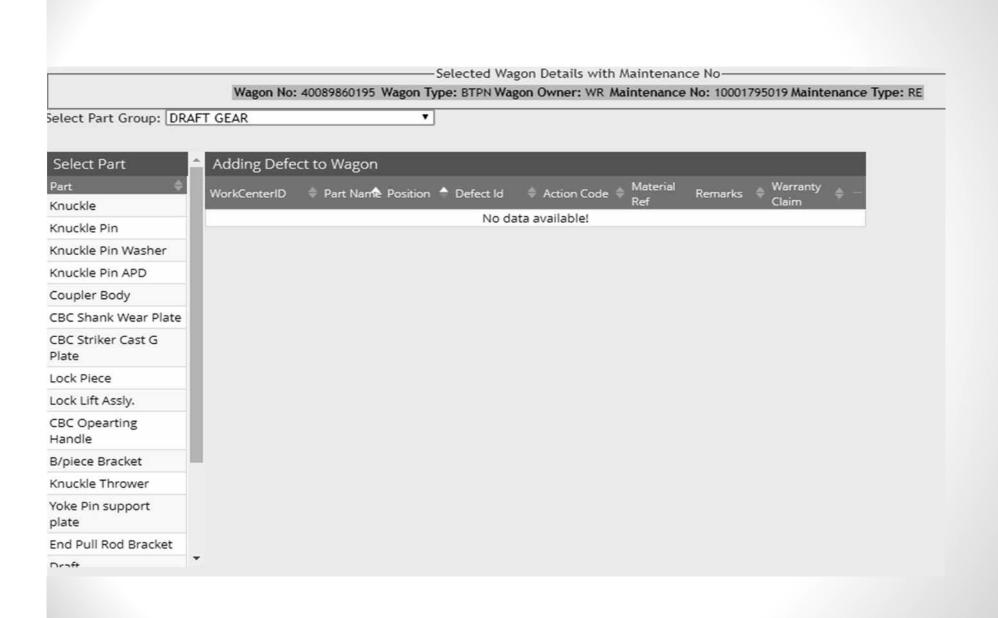
#### Add defects and remarks for wagons detached.

Rake Id: abcd Creation Date: 14-10-2019

#### Wagon Nomination(POH/ROH/IOH/NPOH/DVS/FIT Marking):

#### Create Wagon Nominations

Wagon P	osition	Wagon Number	Wagon Type	Wagon Owner	Module	Nomination	Booking Type	Depot/Worksho	p Sub Section		
1		40089860195	BTPN	WR		10001795019	DVS	KRCAFD	KRCASL	Add Defect and Remarks	Change Nomination Type
2		56587	BTPN	SCR		10001795020	ORD			Add Defect and Remarks	Change Nomination Type
3		12345	BTPN	SCR		10001795021	ROH	KRCAFD	KRCARH	Add Defect and Remarks	Change Nomination Type
4		114456	BTPN	SCR				▼	▼		
5		15466	BTPN	SCR				▼	▼		
6		795698	BTPN	SCR				▼	▼		



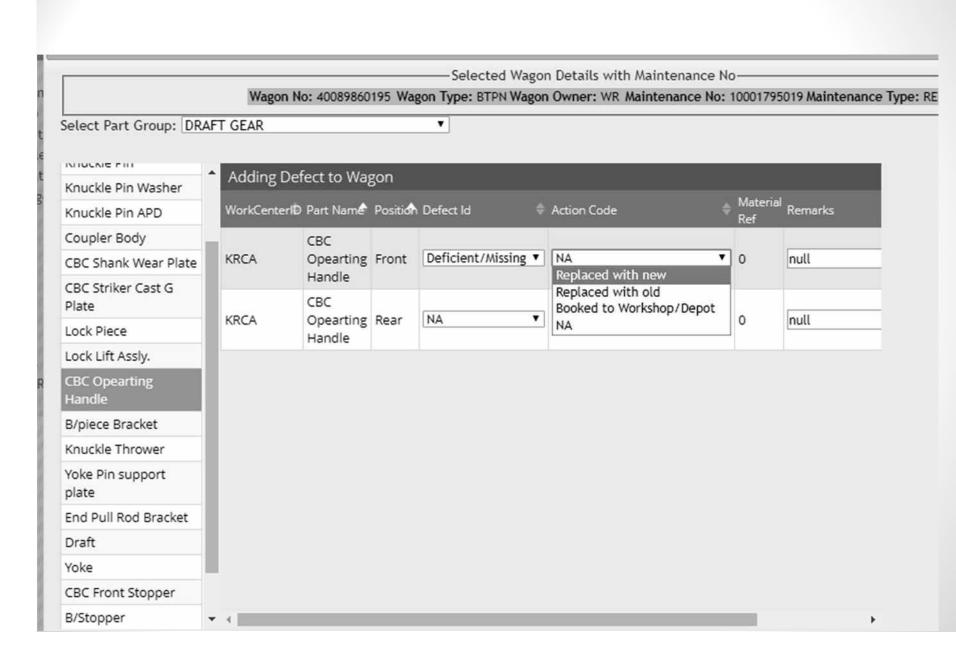
-Selected Wagon Details with Maintenance No-

Wagon No: 40089860195 Wagon Type: BTPN Wagon Owner: WR Maintenance No: 10001795019 Maintenance Type: RE

Select Part Group: DRAFT GEAR

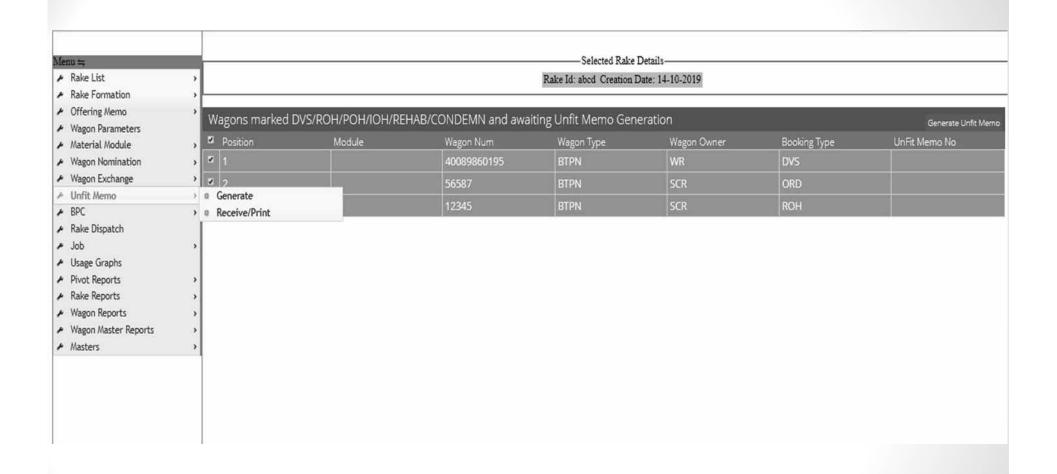
MIUCAIE FIII	
Knuckle Pin Washer	
Knuckle Pin APD	
Coupler Body	
CBC Shank Wear Plate	
CBC Striker Cast G Plate	
Lock Piece	
Lock Lift Assly.	1
CBC Opearting Handle	
B/piece Bracket	
Knuckle Thrower	
Yoke Pin support plate	
End Pull Rod Bracket	
Draft	
Yoke	
CBC Front Stopper	

1	Adding Def	ect to Wa	gon						
	WorkCenterlD	Part Name	Position	Defect ld \$	Action Code	Material Ref	Remarks	♦ Warranty Claim	
ı	KRCA	CBC Opearting Handle	Front	NA ▼ Bent	NA ▼	0	null	Claim Warranty	Û
	KRCA	CBC Opearting Handle	Rear	Broken Deficient/Missing NA	NA ▼	0	null	Claim Warranty	Û

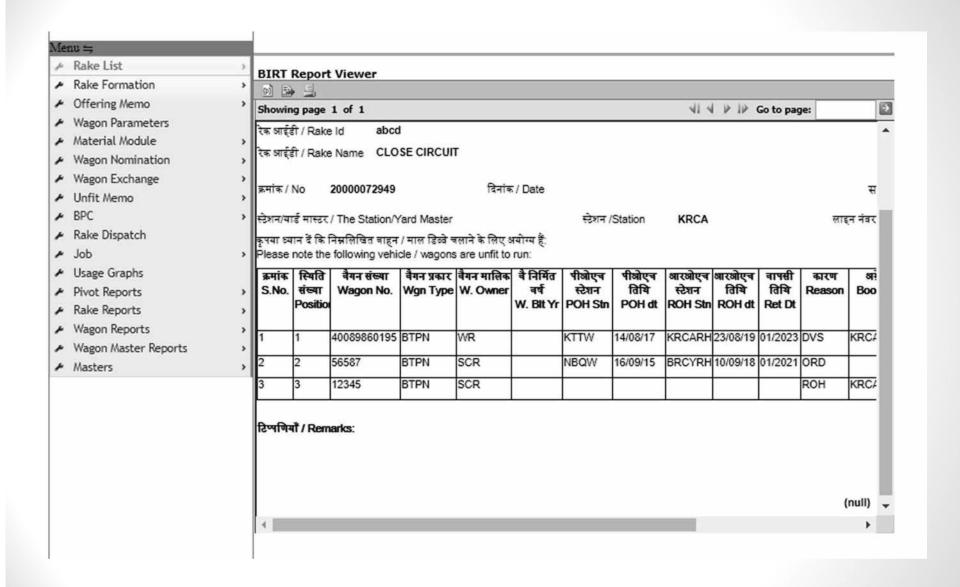


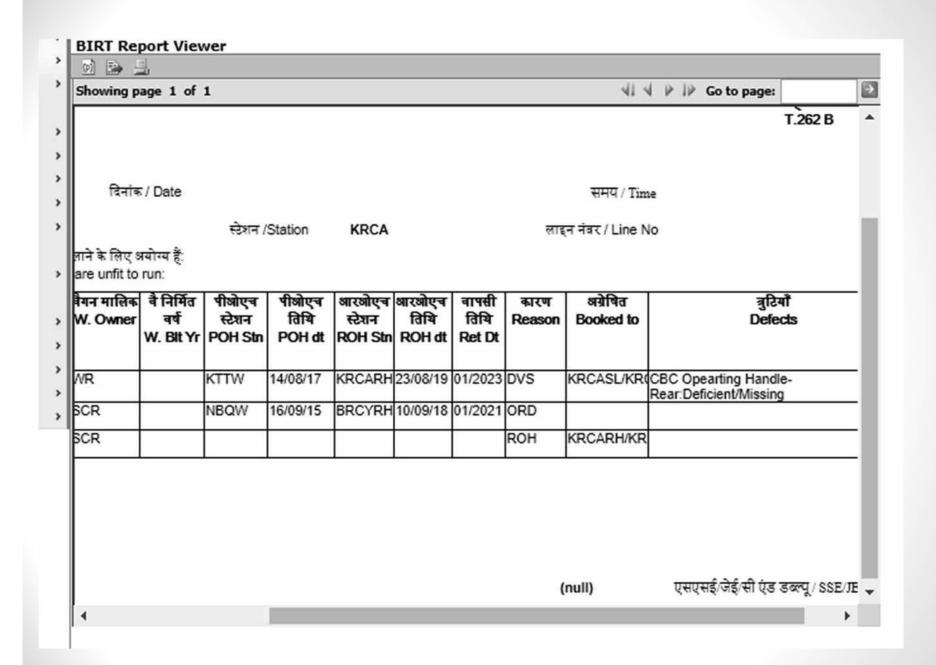
	116	- N (0000000000 W	— Selected Wagon Details with Maintenance No	
Select Part Group: DRA		n No: 40089860195 Wago	n Type: BTPN Wagon Owner: WR Maintenance No: 1  Enter Material Issue Details	0001795019 Maintenance
MINICKIE FIII	Adding	Defect to Wagon		
Knuckle Pin Washer		erlD Part Name Position D	Qty(*): 01	terial Remarks
Knuckle Pin APD	Workcente		Make:	Remarks
Coupler Body	KRCA	CBC Opearting Front		null
CBC Shank Wear Plate	KNCA	Handle	Model:	nac
CBC Striker Cast G Plate		CBC	Mfg Month/Year(MM/YYYY):	
Lock Piece	KRCA	Opearting Rear Handle	Material Fitted by:	null
Lock Lift Assly.		Handle	material riced by.	
CBC Opearting			Remarks:	
Handle				
B/piece Bracket				
Knuckle Thrower				
Yoke Pin support plate				
End Pull Rod Bracket				
Draft			Submit Close	
Yoke			Submit Close	
CBC Front Stopper				

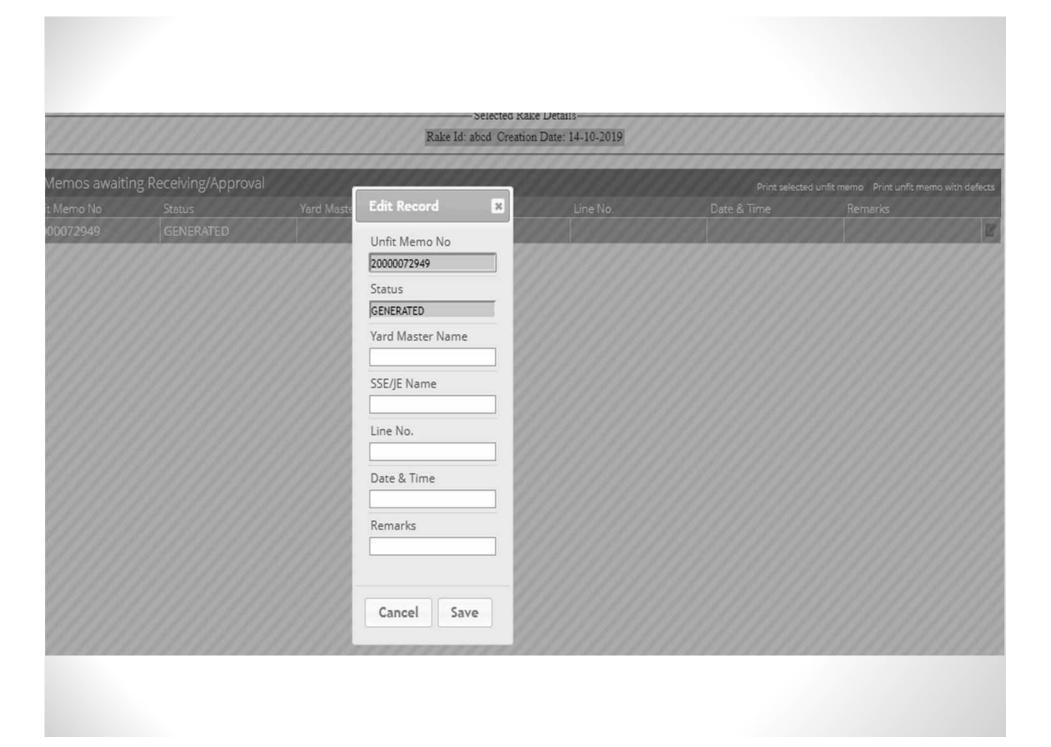
				Selected Wag	on	Details with Maintenance	No	)———	
	Wagon No	o: 40089860	195 Waş			Owner: WR Maintenance No			019 Mainte
Select Part Group: DRA	FT GEAR			•					
MIUCNE FIII	Adding Def	ect to Wa	gon						
Knuckle Pin Washer Knuckle Pin APD	WorkCenterlD		- 1	Defect Id		Action Code		Material Ref	Remarks
Coupler Body		CBC						Kei	
CBC Shank Wear Plate	KRCA	Opearting	Rear	Deficient/Missing *	•	Booked to Workshop/Depot	•	0	null
CBC Striker Cast G Plate		Handle							
Lock Piece									
Lock Lift Assly.									
CBC Opearting Handle									
B/piece Bracket									
Knuckle Thrower									
Yoke Pin support plate									
End Bull Pod Pracket									



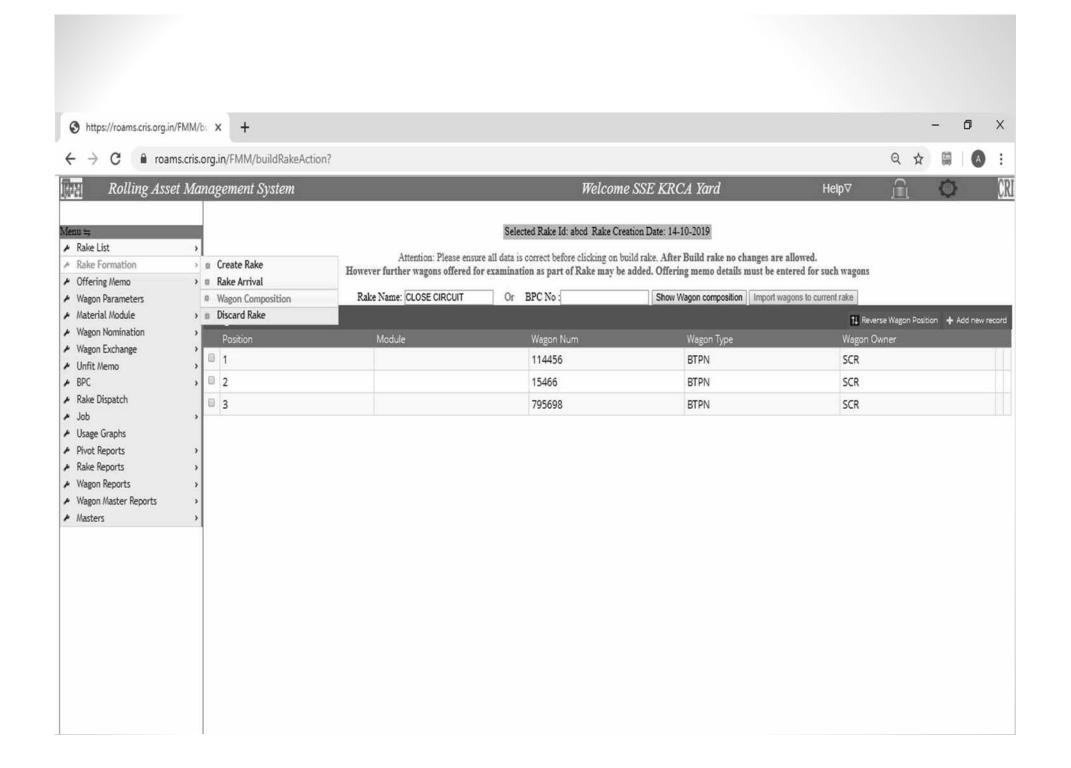


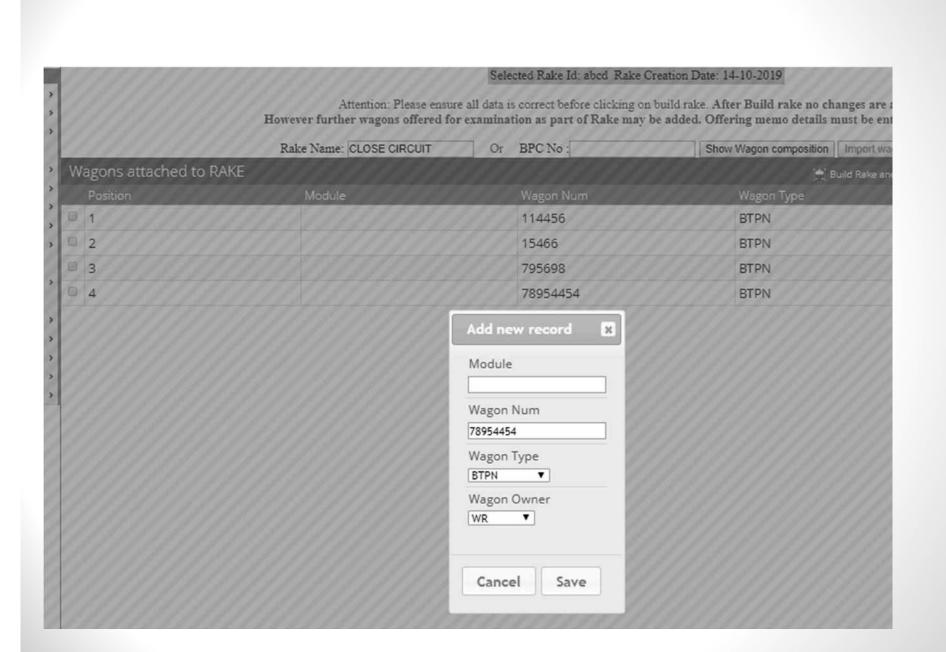


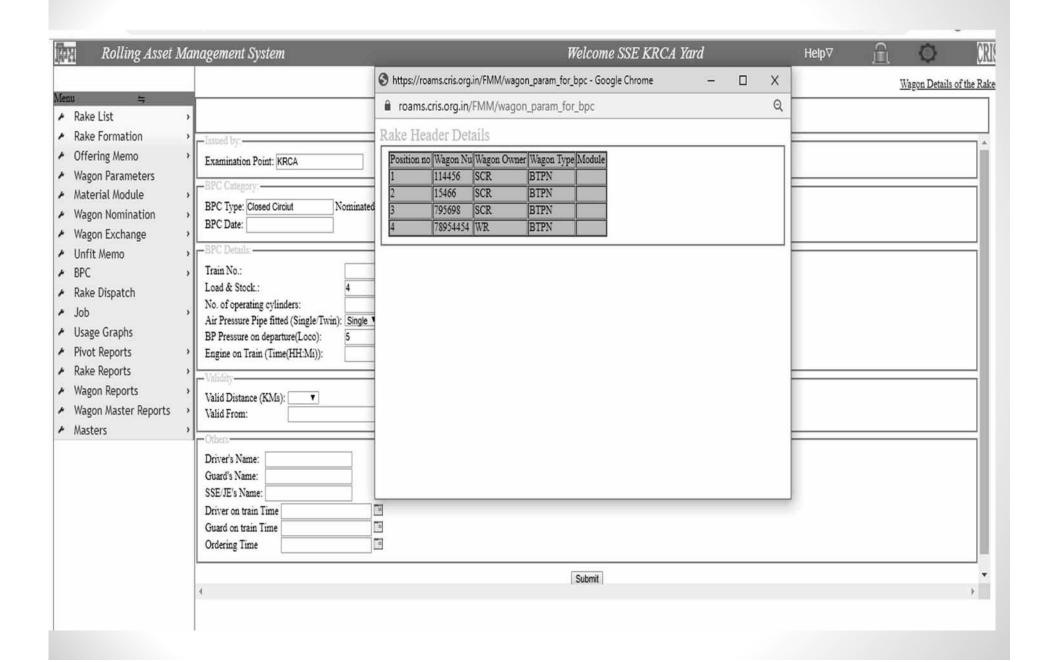


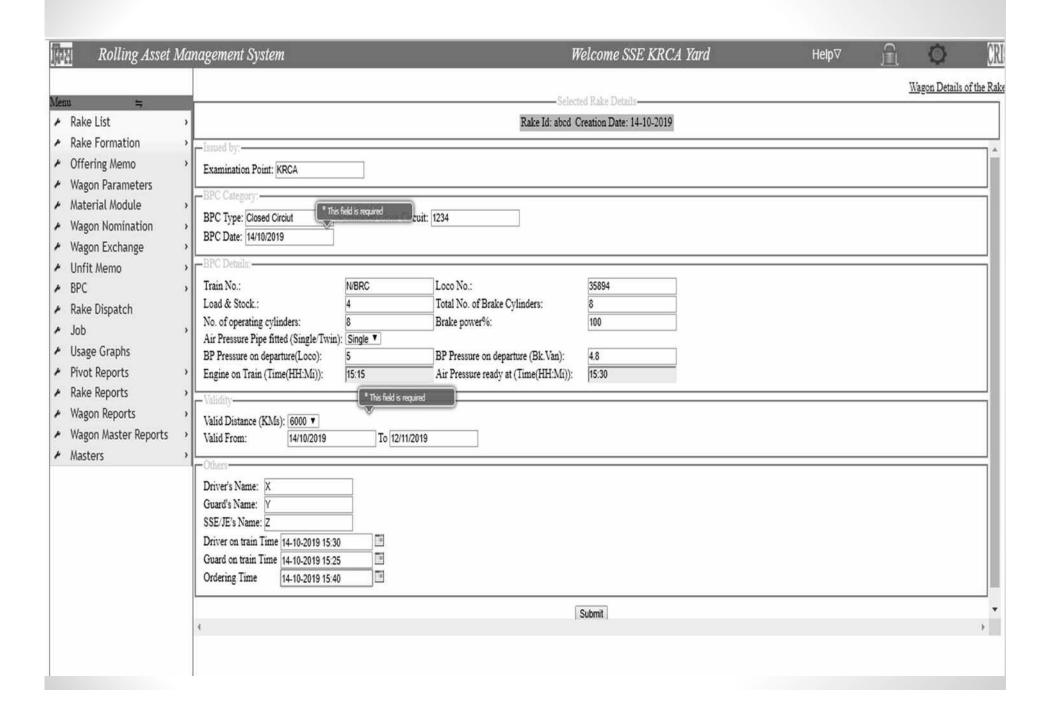


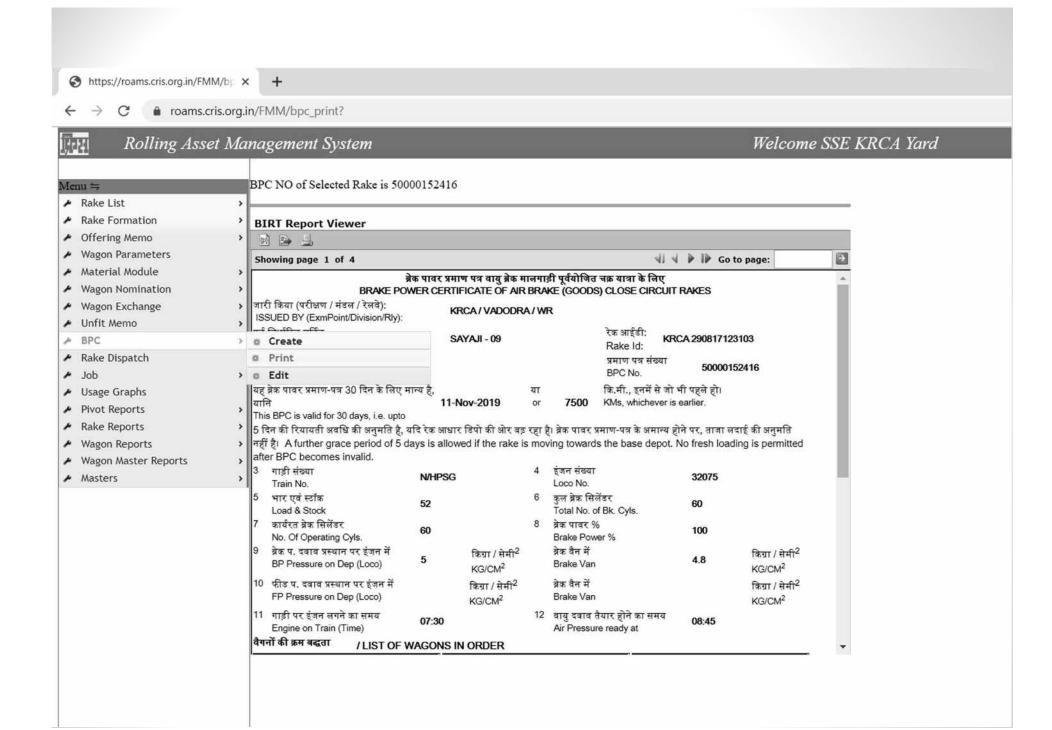












ISSUED BY (ExmPoint/Division/RIf): पूर्व निर्धारित सर्किट NOMINATED CLOSE CIRCUIT प्रमाण पत्र संख्या

14-Oct-2019 50000153853 BPC No. Date

यह द्रेक पावर प्रमाण-पत्र 30 दिन के लिए मान्य है, कि.मी., इनमें से जो भी पहले हो। 12-Nov-2019 6000 KMs, whichever is earlier.

This BPC is valid for 30 days, i.e. upto 5 दिन की रिमायती अवधि की अनुमति है, यदि रेक आधार डियो की और इंदू रहा है। ब्रेंक पावर प्रमाण-पत्न के अमान्य होने पर, ताजा लदाई की अनुमति नहीं \$1 A further grace period of 5 days is allowed if the rake is moving towards the base depot. No fresh loading is permitted after BPC becomes invalid.

3	गाड़ी संख्या	N/BRC		4	इंजन संख्या	36894	
5	Train No. भार एवं स्टॉक Load & Stock	4		6	Loco No. ਭੁਲ ਡੋਕ ਜ਼ਿੰਲੇਂਡਵ Total No. of Bk. C¶s.	8	
7	कार्यरत ब्रेक सिलेंडर No. Of Operating C¶s.	8		8	ब्रेक पावर % Brake Power %	100	
9	ब्रेक प. दबाव प्रस्थान पर हंजन में BP Pressure on Dep (Loco)	6	किया / सेमी <sup>2</sup> KG/CM <sup>2</sup>		ब्रेक बैन में Brake Van	4.8	किया / सेमी <sup>2</sup> KG/CM <sup>2</sup>
10	फीड ए. दबाब प्रस्थान पर इंजन में FP Pressure on Dep (Loco)		किया / सेमी <sup>2</sup> KG/CM <sup>2</sup>		ब्रेक बैन में Brake Van		किया / सेमी <sup>2</sup> KG/CM <sup>2</sup>
11	गाड़ी पर इंजन लगने का समय Engine on Train (Time)	16:16	North	12	वासु दबाव तैयार होने का समय Air Pressure read∮at	16:30	NG CM

#### वैगनों की क्रम बद्धता / LIST OF WAGONS IN ORDER

क्रमांक 8.No.	वैगन संख्या / WAGON NO.	क्रमांक 8.No.	वैगन संख्या / WAGON NO.	क्रमांक 8.No.	वैगन संस्या / WAGON NO.
1	SCR 114456 BTPN	21		41	
2	SOR 15495 STPN	22		42	
3	SCR 795698 BTPN	23		43	
	WR 78954454 BTPN	24		44	
5		25		45	
5		26		46	
F.		27		47	
1		28		48	
9		29		49	
10		30		50	
11		31		51	
12		32		52	
13		33		53	
4		34		54	
5		35		55	
16		36		56	
17		37		57	
18		38		58	
19		39		59	
20		40		60	·

x हाहबर का नाम एवं हस्ताक्षर DRIVER'S NAME & SIGN.

गार्ड का नाम एवं हस्ताक्षर GUARD'S NAME & SIGN.

Z एसएसई/जेई/सी एंड डक्रम् का नाम एवं इस्ताक्षर (SSE/JE/C&W)'S NAME & SIGN.

निर्देश

## **THANKS**