	दक्षिण मध्य रेल्वे SOUTH CENTRAL RAILWAY	e-mail: pcmedrgscr@gmail.com
	प्रधान कार्यालय / Headquarters' Office यांत्रिकशाखा / Mechanical Branch रेल निलयम / Rail Nilayam सिकंदराबाद / Secunderabad	
सं./No.	M.95/SCR Sanction/RPR/130 kmph	दिनांक / Date: 18.11.2022

DRM's/SC, HYB, BZA, GNT, GTL & NED

विषय/Sub: GM's sanction for regular operation of LHB EOG coaches LWLRRM (LWLRRM2), LWCBAC(LWCBAC2), LWACCN(LWACCN2), LWACCW (LWACCW2) and LWFAC (LWFAC2) up to a maximum speed of 130 kmph or at the limits of sectional speeds whichever is lower over BG sections of South Central Railway.


- संदर्भ/Ref:**(1)RDSO's Final Speed Certificate No.SV.AS.ML dtd. 29.10.2009 (160 kmph) Amend.1 dtd. 29.04.2020 and SV.AS.ML dtd. 21.08.2009 (105 kmph) with Amend.1 dtd. 20.10.2011.
(2) Railway Board's sanction lr. No. 2010/CEDO/SR/ 09 dated 14.01.2011 and GM/ N. Rly's. Sanction No. 519-W986/Pt-I/ Track dated 15.01.2021.
(3) SCR's Joint Safety Certificate No. M/C-049.

Please find enclosed herewith a copy of GM/SCR's sanction letter No. M.95/SCR Sanction/RPR/130 kmph dated 18.11.2022 for running of subject coaches up to a max. speed of 130 kmph or at the limits of sectional speeds whichever is lower over BG sections of South Central Railway.

The following concomitant documents are enclosed for necessary action please.

1. SCR's JSC No.M/C-049.
2. Track, Bridge, S&T and OHE Certificates along with para wise compliance to RDSO's Speed Certificate and Railway Board sanction.
3. Track Worthiness & Safety Certificate.
4. RDSO's Final speed certificate.
5. Railway Board's sanction letter.

Encl.: As above.


(Kamal Kant)
Dy.CEnHM/HQrs./SC

Copy for kind information please:

- (1) CCRS/DRM's Office Campus/Northern Railway/Lucknow
- (2) CRS/South Central Circle/SC
- (3) DG/RDSO/Lucknow
- (4) EDME/Coaching/Railway Board

Copy for kind information & n.a. please:

- (1) PCOM, PCE, PCSTE, PCEE, PCME, CAO & PCMM of SC Railway
- (2) PCSO/SCR
- (3) CBE/SCR
- (4) Sr.DME's/SC, HYB, BZA, GTL, GNT & NED of SC Railway.



अरुण कुमार जैन आई आर एम एस
ARUN KUMAR JAIN IRMS



सत्यमेव जयते
भारत सरकार Govt. of India
रेल मंत्रालय Ministry of Railways

महाप्रबंधक
दक्षिण मध्य रेलवे
रेल निलयम, सिकंदराबाद - 500 025
General Manager
South Central Railway
Rail Nilayam, Secunderabad - 500 025

No.M.95/SCR sanction/RPR/130 KMPH

Dt: 18.11.2022

Sanction for operation of LHB EOG Coaches with pneumatic suspension in SCR

Sub: Sanction for regular operation of LHB EOG coaches LWLRRM (LWLRRM2), LWCBAC (LWCBAC2), LWACCN(LWACCN2), LWACCW(LWACCW2) and LWFAC(LWFAC2) up to a maximum speed of 130 kmph or at the limits of sectional speeds whichever is lower over BG sections of South Central Railway.

Ref: SCR's Joint Safety Certificate No. M/C-049.

Sanction is hereby accorded for regular operation of LHB AC Generator Car (LWLRRM/LWLRRM2), AC Hot Buffet Car (LWCBAC/LWCBAC2), AC-3 Tier (LWACCN/LWACCN2), AC-2 Tier (LWACCW/LWACCW2) and AC First class (LWFAC/LWFAC2) fitted with pneumatic suspension (120 kN capacity) at the secondary stage on FIAT Bogies having maximum axle load of 16.25 t, up to a maximum speed of 130 kmph or at the limits of sectional speeds whichever is lower on track maintained as per standards specified under Para 522 of IRPWM June-2020 over BG sections of South Central Railway as certified by RDSO Speed certificates and Railway Board & GM/N.Rly. sanctions mentioned below.


S.No.	Name of the Coach	Layout Drg. No.	RDSO Speed Certificate Nos.	Railway Board/N.R GM Sanction Letter No.
1	LWLRRM/ LWLRRM2	11012	SV.AS.ML dtd. 29.10.2009 (160 kmph) Amend.1 dtd. 29.04.2020.	2010/CEDO/SR/ 09 dated 14.01.2011.
2	LWFAC/ LWFAC2	LA-90018	and	and
3	LWACCN/ LWACCN2	LE-90009	SV.AS.ML dtd. 21.08.2009 (105 kmph). Amend.1 dtd. 20.10.2011.	GM/N. Rly's. Sanction No. 519-W986/Pt-I/ Track dated 15.01.2021.
4	LWACCW/ LWACCW2	LW-90023		
5	LWCBAC/ LWCBAC2	LH-90001		

The above sanction is subject to the following stipulations:

- Observance of all permanent and temporary speed restrictions in force and those that may be imposed from time to time due to track, bridges, curves, signalling and interlocking etc.
- Observance of all conditions and speed restrictions stipulated in SC Railway's JSC No. M/C-049 along with its concomitant Track, Bridge, Track Worthiness and Safety, S&T and OHE Certificates.

Contd...2

- c. Observance of all conditions stipulated in RDSO's Speed Certificates, Railway Board's sanction and GM/N.Rly's. sanctions mentioned above.
- d. In case of air spring gets deflated, the speed shall be limited to 60 kmph. This has to be manually implemented by loco pilot.


(Arun Kumar Jain) 18/11/2022
General Manager
South Central Railway

Copy for kind information please:

- (1) CCRS/SDRM's Office Campus/Northern Railway/Lucknow
- (2) CRS/South Central Circle/SC
- (3) DG/RDSO/Lucknow
- (4) EDME/Coaching/Railway Board

Copy for kind information & n.a. please:

- (1) PCOM, PCE, PCSTE, PCEE, PCME, CAO & PCMM of SC Railway
- (2) PCSO/SCR
- (3) CBE/SCR

South Central Railway
Joint Safety Certificate No. M/C-049

JSC for regular operation of LHB AC Generator Car (LWLRRM/LWLRRM2), AC Hot Buffet Car (LWCBAC/LWCBAC2), AC-3 Tier (LWACCN/LWACCN2), AC-2 Tier (LWACCW/LWACCW2) and AC First class (LWFAC/LWFAC2) coaches up to a max. speed of 130 kmph or at the limits of sectional speeds whichever is lower on track maintained as per IRPWM standards over BG sections of South Central Railway.

Certified that, it is safe to run LHB EOG coaches **LWLRRM(LWLRRM2)**, **LWCBAC(LWCBAC2)**, **LWACCN(LWACCN2)**, **LWACCW(LWACCW2)** and **LWFAC(LWFAC2)** fitted with pneumatic suspension (120 kN capacity) at the secondary stage on FIAT Bogies having max. axle load of 16.25 t, up to a max. speed of 130 kmph or at the limits of sectional speeds whichever is lower on track maintained to standards given under Para 522 of IRPWM (June 2020) over BG sections of South Central Railway as certified by RDSO Speed certificates and Railway Board & GM/N.Rly. sanctions mentioned below. Sectional speeds mentioned against each section is enclosed as Annexure-A, SRs & PSRs are enclosed as Annexure-B.

S.No.	Name of the Coach	Layout Drg. No.	RDSO Speed Certificate Nos.	Railway Board/N.RGM Sanction Letter No.
1	LWLRRM/ LWLRRM2	11012	SV.AS.ML dtd. 29.10.2009 (160 kmph) Amend.1 dtd. 29.04.2020.	2010/CEDO/SR/ 09 dated 14.01.2011.
2	LWFAC/ LWFAC2	LA-90018	and	and
3	LWACCN/ LWACCN2	LE-90009	SV.AS.ML dtd. 21.08.2009 (105 kmph). Amend.1 dtd. 20.10.2011.	GM/N. Rly's. Sanction No. 519-W986/Pt-I/ Track dated 15.01.2021.
4	LWACCW/ LWACCW2	LW-90023		
5	LWCBAC/ LWCBAC2	LH-90001		

The following conditions shall apply:

Railway Board's Sanction :

- 1) Observance of all stipulations laid down in the sanction letters issued by the Railway Board vide letter Nos. mentioned above shall be strictly adhered to.

Track:


- 2) Track Certificate is issued by Headquarters Engineering department vide letter No.W.506/CRS/TR/AC/Vol.IV dated 17.11.2022. Further, vide letter No. W.506/CRS/TR/AC/Vol.IV dated 17.11.2022 para-wise compliance furnished to paras of Track portion of RDSO's speed certificate & Railway Board's sanction and this shall be strictly adhered to.
- 3) Speed Restrictions: All Speed restrictions printed in current Working Time Table in force, SRs & PSRs as mentioned in Annexure-B and subsequent restrictions imposed from time to time due to track, bridges, curves, signaling and interlocking etc. shall be observed.


Principal Chief Mechanical Engineer


Principal Chief Signal & Telecom Engineer


Principal Chief Electrical Engineer


Principal Chief Operations Manager


Principal Chief Engineer

South Central Railway
Joint Safety Certificate No. M/C-049

Bridge:

- 4) Bridge Certificate is issued by Headquarters Engineering department vide letter No. W.469/ Bridge certificates/Coaches/130Kmph dated 17.11.2022. Further vide letter No. W.469/ Bridge certificates/Coaches/130Kmph dated 17.11.2022 para-wise compliance furnished to paras of Bridge portion of RDSO's speed certificate & Railway Board's sanction and this shall be strictly adhered to.

Signalling:

- 5) S&T Certificate is issued by Headquarters S&T department vide letter No. SG.191/IX/SP/Vol.4 dated 17.11.2022 shall be strictly adhered to.
- 6) In SC Railway, GDR-BZA-KZJ-BPQ, KZJ-GT, LPI-WD, GTL-KLU-CCA, NLPD-STUR, GKM-GJJ, DHNE-MKR, RU-GY-GTL-WD, GWM-THY sections are provided with STD IIR interlocking (second distant signaling system) and GT-SC-LPI & BZA-GWM sections are provided with 4 aspect automatic signaling, caters for EBD more than 1 km and maximum permissible speed is 130 Kmph. All other sections in SCR are provided with STD IIR interlocking, hence maximum permitted speed is 110 kmph.
- 7) EBD values for a rake have been calculated at down gradient 1/80 with 95% Brake Power by using 'STOP' software of Motive Power Directorate of RDSO and details are given below:

For a rake of 1 Loco+24 LHB coaches at 130 kmph,EBD is 1191 mts.

For a rake of 1 Loco+24 LHB coaches at 110 kmph,EBD is 879 mts.

The above EBD calculation is derived based on certain theoretical assumptions. Hence, the EBD values may be taken as guidelines only.

Traction Installation:

- 8) OHE certificate is issued by Headquarters Electrical Engineering department vide letter No.220/JSC/CW/Vol-III dated 16.11.2022. Further vide letter No. E.220/JSC/CW/Vol.III dated 16.11.2022 para-wise compliance furnished to paras of Traction installation portion of RDSO's speed certificate & Railway Board's sanction shall be strictly adhered to.
- 9) Restrictions as per OHE certificate incorporated in Annexure -B are to be observed.

Rolling stock:

- 10) **Track Worthiness & Safety Certificate:** Track Worthiness & Safety Certificate is issued by Headquarters Mechanical department vide letter No. M.95/GM sanction/7 LHB Variants dated 16.11.2022 duly ensuring proper maintenance and safety of the Rolling stock.
- 11) Brakes of the rolling stock shall be in good working order during the operation.


17.11.2022
Principal Chief Mechanical Engineer


17/11/2022
Principal Chief Signal & Telecom Engineer


18/11/22
Principal Chief Electrical Engineer


17.11.2022
Principal Chief Operations Manager


17-11-2022
Principal Chief Engineer

South Central Railway
Joint Safety Certificate No. M/C-049

- 12) In case air spring gets deflated, the speed shall be limited to 60 kmph. Failure Indication cum Brake Application (FIBA) device shall be provided in pneumatic circuit of Air Spring and Air Brake.
- 13) Instructions in regard to functioning of WSP at the starting station and en-route working is advised by RDSO vide letter No. MC/LHB/Brake dated 25.04.2016 shall be followed.
- 14) Earthing in the coach body and all the panels shall always be properly maintained.
- 15) In case of enroute breakage of primary coil spring, action as per instructions contained in RDSO letter No. SV.FIAT Spring dated 18.08.2022 shall be taken.

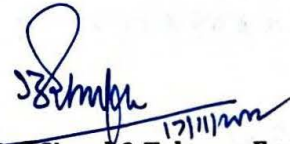
General:

- 16) All other conditions laid down in RDSO Speed certificates & Railway Board sanctions shall be strictly adhered to.

Encl: Annexure - A (4 sheets) & Annexure - B (2 sheet)


17.11.2022

Principal Chief Mechanical Engineer


17/11/2022

Principal Chief Signal & Telecom Engineer


17/11/22

Principal Chief Electrical Engineer


17.11.2022

Principal Chief Operations Manager


17-11-2022

Principal Chief Engineer

South Central Railway
Enclosure to Joint Safety Certificate No. M/C-049


Annexure showing the Division-wise sections and speeds proposed for running of LHB EOG Coaches LWLRRM(LWLRRM2), LWCBAC(LWCBAC2), LWACCN(LWACCN2), LWACCW (LWACCW2) and LWFAC(LWFAC2) over BG sections of South Central Railway.

SECUNDERABAD DIVISION				
Sl. No.	Section	From Km	To Km	Max. Speed Kmph
1	Balharshah (Excl)- Kazipet (UP, DN & UD lines) (old UP & DN lines over which COCR was conducted, presently covering UP, DN & UD lines only)	135.00	366.86	130
2	Kazipet -Kondapalli (UP&DN) (Incl. Bye pass line at Kazipet Jn.)	366.86	569.01	130
3	Secunderabad - Kazipet (UP & DN)	194.36	324.89	130
4	Manikgarh- Wirur(3rd Line)	141.91	159.84	110
	Mandamarri- Manchiryal (3rd Line)	250.25	260.54	110
	Manchiryal - Peddapampet (3rd Line)	260.54	269.69	100
	Peddampet -Raghavapuram (3rd Line)	269.69	283.997	110
	Raghavapuram - Kolanur -Potkapalli(3rd Line)	283.997	314.22	90
	Bisugirsharif - Uppal (3rd Line)	324.64	342.97	100
	Cheruvumadhavaram (Excl.) -Kondapalli(3rd Line)	562.585	569.010	75
5	Secunderabad - Lallaguda (3rd Line)	194.36	196.57	50
6	Wadi (Excl.)-Hyderabad- Secunderabad (UP&DN)(Incl. Chord line at Hussainsagar Jn.)	3.00	194.36	110*
7	Moula Ali 'C' -Ghatkesar(MMTS UP & DN lines)	202.09	213.84	100
8	Peddapalli - Karimnagar (SL)	0.00	34.925	100
	Karimnagar -LingampetJagityal (SL)	34.925	82.75	90
	Lingampet-Jagityal- Nizamabad (SL)	82.75	177.794	100*
9	Telapur - Ramachandrapuram	0.00	5.337	70
10	Dornakal- Manuguru (SL) (Incl. Bye pass line at Dornakal Jn. & at Bhadrachalam Road)	0.00	103.69	100
11	Khanapur Jn. - Taj Sultanpur (Excl.) (SL)	0	97.7	100
12	Vikarabad - ParliVajjnath (SL)	0.00	267.77	100

* Speed restrictions as per Annexure-B

Note: In case air spring gets deflated, the speed shall be limited to 60 kmph. Failure Indication cum Break Application (FIBA) device shall be provided in pneumatic circuit of Air Spring and Air Brake.


17.11.2022
Principal Chief Mechanical Engineer


17/11/2022
Principal Chief Signal & Telecom Engineer


17/11/2022
Principal Chief Electrical Engineer


17-11-2022
Principal Chief Operations Manager


17-11-2022
Principal Chief Engineer

South Central Railway
Enclosure to Joint Safety Certificate No. M/C-049


Annexure showing the Division-wise sections and speeds proposed for running of LHB EOG Coaches LWLRRM(LWLRRM2), LWCBAC(LWCBAC2), LWACCN(LWACCN2), LWACCW (LWACCW2) and LWFAC(LWFAC2) over BG sections of South Central Railway.

GUNTAKAL DIVISION				
Sl. No.	Section	From Km	To Km	Max. Speed Kmph
1	Wadi (Excl.) - Gooty (UP&DN)	669.50	414.51	130
2	Gooty- Renigunta (UP&DN)	414.51	133.56	130
3	Dharmavaram - Chigicherla (SL)	177.00	189.86	110
	Chigicherla - Taticherla (UP & DN)	189.86	219.46	110
	Taticherla - Garlandinne (UP)	219.46	228.46	90
	Taticherla - Garlandinne (DN)	219.46	228.46	110
	Garladinne - Kalluru (UP&DN)	228.46	239.54	110
	Kalluru - Gooty (UP)	239.54	269.04	100*
	Kalluru - Gooty (DN)	239.54	269.04	110
4	Nandyal - Dhone (SL)	256.98	332.74	110
5	Dhone - Pendekallu (UP&DN)	297.12	323.01	100
	Pendekallu - Maddikera (UP)	323.01	353.96	100
	Pendekallu - Maddikera (DN)	323.01	353.96	90
	Maddikera -Guntakal (SL)	353.96	365.66	100
6	Bellary (Excl.)- Guntakal (UP&DN) (Incl. Bye pass line at Guntakal Jn.)	212.00	258.20	110
7	Gudur-Renigunta(Excl. RU Yard) (UP&DN)	0.00	80.00	110
	Renigunta(Incl. RU Yard)-Tirupati (UP&DN)	80.00	92.96	100
8	Katpadi (Excl.) - Tirupati (SL)	0.85	104.39	110
9	Gooty - Pendekallu (SL)	0.00	29.275	110
10	Kalluru -Guntakal (UP&DN)	239.54	279.80	110
11	Dharmavaram- Pakala(SL)	0.00	227.42	100
12	Nandyal(Junction cabin) - Yerraguntla (SL)	2.324	123.00	100
13	Kadapa-Pendlimarri(SL)	0.00	21.30	40
NANDED DIVISION				
1	Ankai (Excl) - Parbhani (SL)	16.00	290.44	100
2	Parbhani-Purna Jn-Mudkhed (UP & DN)	290.44	371.87	100
3	Mudkhed - Kinwat (SL)	0	116.774	100
	Kinwat - Adilabad (SL)	116.774	161.95	90
4	Adilabad - Pimpalkutty (SL)	161.95	181.975	50
5	Purna-Akola (SL)	950.40	743.52	100
6	Akola - Akot (SL)	742.079	697.71	60
7	ParliVajinath -Parbhani (SL)	267.77	331.38	100

* Speed restrictions as per Annexure-B

Note: In case air spring gets deflated, the speed shall be limited to 60Kmph. This has to be manually implemented by the loco pilot. Suitable mechanism shall be in place for indication of deflated spring to loco pilot.


17.11.2022
Principal Chief Mechanical Engineer


17/11/2022
Principal Chief Signal & Telecom Engineer


18/11/22
Principal Chief Electrical Engineer


17.11.2022
Principal Chief Operations Manager


17-11-2022
Principal Chief Engineer

South Central Railway
Enclosure to Joint Safety Certificate No. M/C-049

Annexure showing the Division-wise sections and speeds proposed for running of LHB EOG Coaches LWLRRM(LWLRRM2), LWCBAC(LWCBAC2), LWACCN(LWACCN2), LWACCW (LWACCW2) and LWFAC(LWFAC2) over BG sections of South Central Railway.

VIJAYAWADA DIVISION				
Sl. No	Section	From Km	To Km	Max. Speed Kmph
1	Kondapalli - Vijayawada (UP&DN)	569.01	586.50	130
2	Gudur-Vijayawada (UP&DN) (Incl. Krishna Canal - Vijayawada (3rd Line)	134.30	428.76	130
3	Kondapalli - New West Block Hut (3rd Line)	569.010	579.308	90
4	Talamanchi - Ulavapadu (3rd Line)	190.44	252.88	110
	Nellore - Talamanchi (3rd Line)	174.36	190.44	90
5	Vijayawada-Duvvada (Excl.) (UP&DN)	428.76	759.70	110
6	Samalkot - Kakinada Port (UP & DN) (Incl. Bye pass line at Samalkot Jn.)	0.00	15.60	110
7	Vijayawada- Aravalli (UP, DN & SL)	0	120.45	100*
8	Aravalli - Kaldhari (DN)	120.45	148.37	100
	Kaldhari - Nidadavolu (DN)	148.37	154.75	90
	Aravalli - Nidadavolu (UP)	120.45	154.75	90
9	Gudivada-Machilipatnam (UP & DN)	0.00	36.74	100
10	Bhimavaram - Narsapur (UP)	0.00	29.48	90*
	Bhimavaram - Narsapur (DN)	0.00	29.48	100
11	Kakinada - Kotipalli (SL)	0.00	30.056	50
	-do-	30.056	44.709	40
GUNTUR DIVISION				
1	Pagidipalli - Nadikude (SL)	4.02	152.69	110
2	Nallapadu -Nadikude (SL)	5.00	95.25	110
3	Nallapadu-Satulur (UP & DN)	5.00	34.29	110
	Satulur - Gundlakamma (SL)	34.29	95.85	110
	Gundlakamma - Gajjelakonda (UP & DN)	95.85	130.78	110
	Gajjelakonda - Tarlupadu (UP)	130.78	156.44	110
	Gajjelakonda - Tarlupadu (DN)	130.78	156.44	90
	Tarlupadu - Nandyal (SL)	156.44	256.98	110
4	Guntur - Krishna Canal (UP&DN)	0.00	27.12	110
5	Tenali-Guntur (UP&DN) (Incl. Bye pass line at Guntur Jn.)	0.00	25.47	110
6	Guntur- Nallapadu (UP)	0.00	5.00	100
7	Guntur- Nallapadu (DN)	0.00	5.00	60
8	Tenali-Repalle (SL)	0.00	33.85	90
9	Nandyal- Nandyal (Junction cabin) (SL)	0.00	2.324	50
10	New Piduguralla Jn.- Savalyapuram (SL)	5.15	51	80
11	Nadikude-Macherla (SL)	95.25	130.26	80

* Speed restrictions as per Annexure-B

Note: In case air spring gets deflated, the speed shall be limited to 60Kmph. This has to be manually implemented by the loco pilot. Suitable mechanism shall be in place for indication of deflated spring to loco pilot.


17.11.2022
Principal Chief Mechanical Engineer


17.11.2022
Principal Chief Signal & Telecom Engineer


18/11/22
Principal Chief Electrical Engineer


17.11.2022
Principal Chief Operations Manager


17.11.2022
Principal Chief Engineer

South Central Railway
Enclosure to Joint Safety Certificate No. M/C-049

Annexure showing the Division-wise sections and speeds proposed for running of LHB EOG Coaches LWLRRM(LWLRRM2), LWCBAC(LWCBAC2), LWACCN(LWACCN2), LWACCW (LWACCW2) and LWFAC(LWFAC2) over BG sections of South Central Railway.

HYDERABAD DIVISION				
Sl. No.	Section	From Km	To Km	Max. Speed Kmph
1	Mudkhed - Medchal (SL)	371.870	592.93	110
2	Medchal - Bolarum (UP & DN)	592.930	606.80	100
3	Secunderabad-Falaknuma (UP&DN)	0.00	14.54	80
4	Falaknuma (Excl) - Shadnagar (DN)	14.54	59.06	100
	Shadnagar - Gollapalli (DN)	59.06	87.82	110
	Gollapalli - Mahabubnagar (DN)	87.82	112.98	90
	Mahabubnagar - Dhone (SL)	112.98	297.12	110
5	Malkajgiri - Moula Ali Chord Line (SL)	0.00	4.90	30
6	Raichur - Pandurangaswamy Road (SL)	0.00	29.89	75*
	Pandurangaswamy Road - Gadwal (SL)	29.89	57.16	100
7	Devarakadra-Jaklair(SL)	65.825	37.480	75
	Jaklair - Makthal(SL)	37.48	26.003	60
	Makthal - Maganur(SL)	26.003	12.698	70
8	Manoharabad - Gajwel - Kodakondla (SL)	0.00	43.32	60
9	Akanapet - Medak (SL)	0	17.338	70
10	Bolarum -Secunderabad (UP&DN)	606.80	620.65	90
11	Falaknuma (Excl)- Mahabubnagar (UP)	14.54	112.98	105
12	Chord line bet. Sitafalmandi 'A' Cabin on Secunderabad - Dhone section and Sitafalmandi 'B' Cabin on Secunderabad - Mudkhed section	0.62673	1.3662	30
13	Bye-Pass line towards Mudkhed i.e., Dayanandnagar Bye-Pass Line connecting MLY-MJF Chord Line to SC-MUE Main Line	0.000	0.610	15
14	Jankampet - Bodhan (SL)	0.00	20.05	75

* Speed restrictions as per Annexure-B

Note: In case air spring gets deflated, the speed shall be limited to 60Kmph. This has to be manually implemented by the loco pilot. Suitable mechanism shall be in place for indication of deflated spring to loco pilot.


17.11.2022
Principal Chief Mechanical Engineer


17/11/2022
Principal Chief Signal & Telecom Engineer


18/11/22
Principal Chief Electrical Engineer


17.11.2022
Principal Chief Operations Manager


17-11-2022
Principal Chief Engineer

South Central Railway**Enclosure to Joint Safety Certificate No. M/C-049**

Annexure showing the Division-wise sections and PSRs proposed for running of LHB EOG Coaches LWLRRM(LWLRRM2), LWCBAC(LWCBAC2), LWACCN(LWACCN2), LWACCW (LWACCW2) and LWFAC(LWFAC2) over BG sections of South Central Railway.

SECUNDERABAD DIVISION

* PSR on Nizamabad - Lingampet-Jagityal section (UP& DN direction)				
1	Near NZB Yard	176/8 - 177/3	80	Due to sharp curve of 2.5°
* Speed Restrictionson 52 Kg (72 UTS) Rail				
Sl. No.	Section	From Km	To Km	SR in Kmph
1	Wadi (Excl.)-Hyderabad- Secunderabad (UP)	122.64	122.85	105
		160.08	161.63	105
	Wadi (Excl.)-Hyderabad- Secunderabad (DN)	8.94	9.68	105
		15.65	15.93	105

VIJAYAWADA DIVISION

*PSRs-BZA-UPL (UP line)					
S. No.	Stations between	KM from - Km To		SR (Kmph)	Remarks
1	BZA-RMV	2/45	2/9	50	Due to 5.81 degree sharp curve.
2	BZA-RMV	4/13	2/55	70	Due to 4.50 degree sharp curve.
3	BZA-RMV	4/51	4/17	90	Due to 3.00 degree sharp curve.
4	BZA-RMV	5/23	5/9	70	Due to 4.63 degree sharp curve.
5	RMV-NDM	9/43	9/27	90	Due to 2.50 degree sharp curve.
6	UPL-NDM	14/03	13/25	75	Due to 3.50 degree sharp curve.
7	UPL-NDM	16/9	15/27	75	Due to 3.75 degree sharp curve.
*PSRs-BVRT-AVLI (UP line)					
1.	Bypass near BVRM	109/100	107/900	75	2.06 degree sharp curve
2.		107/900	107/400	50	5.90 degree sharp curve
3.		107/200	107/0	75	P&Crossings on 2.75 degree curve.
*PSRs-BVRT-AVLI- Diversion of Exg line					
1.	Bypass near BVRM	106/900	107/300	75	2.75 degree sharp curve
2.		107/400	107/900	50	5.90 degree sharp curve
3.		107/900	109/100	75	P&Crossings on 2.047 degree curve.
*PSRs-BVRM-NS (UP line)					
1.	BVRM Yard	0/500	0/800	30	Series of reverse curves in BVRM yard
2.	NS YARD	29/2A	29/42	15	Terminal station UP direction only

HYDERABAD DIVISION

* PSR on RC-PASR (SL) section (UP & DN direction)				
1	RC-PASR	4.80 - 5.70	70	Due to 4° curve

GUNTAKAL DIVISION

*PSR on Kalluru - Gooty (UP line)				
S.No.	Block Section	Location	Reason	SR (Kmph)
1	TKPY-GY	265/25-266/1	3.5 degree curve	60
2	TKPY-GY	266/7-45	6 degree approach curve to GY junction.	30


17.11.2022
Principal Chief Mechanical Engineer


17.11.2022
Principal Chief Signal & Telecom Engineer


18/11/22
Principal Chief Electrical Engineer


17.11.2022
Principal Chief Operations Manager


17-11-2022
Principal Chief Engineer


South Central Railway**Enclosure to Joint Safety Certificate No. M/C-049**

Annexure showing the Division-wise sections and PSRs proposed for running of LHB EOG Coaches LWLRRM(LWLRRM2), LWCBAC(LWCBAC2), LWACCN(LWACCN2), LWACCW (LWACCW2) and LWFAC(LWFAC2) over BG sections of South Central Railway.

Restrictions as per OHE certificate issued by HQrs. Electrical Department:

S.No.	Station	From Loc.	To Loc.	Remarks
SECUNDERABAD DIVISION				
1	Bhalki-Kalgupur	130/1	130/2	90 kmph due to Tramway OHE
2	Kalgupur-Kamalnagar	151/16	151/17	
GUNTAKAL DIVISION				
1	Chittoor Stn. Rd-2 M/L	32/5	32/31	90 kmph due to Tramway OHE
2	Chittoor Stn. Rd-3	32/3	CTO/2019	
3	Chittoor Stn. Rd-4	32/7	33/12	
VIJAYAWADA DIVISION				
1	NDD yard	554/4	554/10	SR of 120 kmph due to curve in section (Temporary, shall be removed after attention of OHE mast with less implantation in the curve)
2	KYM-DWP	593/28	593/32	
3	MPU-SLO	626/6	626/26	
4	SLO-PAP	637/32	638/10	
5	SLO-PAP	632/10	632/30	
6	BVM-AKP	741/32	742/2	


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