

MECHANICAL ACTIVITIES - THIRUVANANTHAPURAM DIVISION

TVC Division is having the highest coach holding in Southern Railway with 1392 (bare) coaches maintained primarily and 13 trains are given Other End Attention. In addition to these Platform Turn Round Attention is also carried out.

HIMASAGAR Express which covers the entire length of India from CAPE, the Southern most station in India to Jammu Thawi which is the longest running distance in India belongs to this Division.

Coaching Activities

The coaching activities are located mainly at NCJ, TVC, KCVL, ALLP & ERM. Details of the coach holding and the work done are furnished.

Wagon Activities

The certification of goods train and attention to sick wagons are mainly concentrated in two depots in TVC Division viz. ERM Goods and IPN. IPN is concentrating on the tank wagons. ERM G is the nominated point for premium rake checking.

Coaching Depots

NCJ

This depot is primarily maintained coach holding is 357 (bare). One rake with POH due coaches (Train No. 2690) given secondary maintenance and running from NCJ to MAS for moving the coaches to shops every week and 6 trains are given platform turn round attention. The IOH schedule attention to coaches also carried out in this depot.

TVC

The primary coach holding of Thiruvananthapuram depot alone is 591 (bare) coaches. 4 trains are given other end attention and 7 trains (average/day) are given platform turn round attention at this depot. A separate IOH shed is functioning to facilitate IOH schedule. IOH of 69 coaches at KCVL are also dealt here. Pit Wheel Lathe with an average turn out of 200 wheels/month is also functioning very effectively.

An Incinerator is installed here to dispose the biodegradable wastes generated from coaches and yard. Pollution Control Board of Kerala has given certification for 3 years.

'B' class ART with hydraulic re-railing equipments and ARME scale 1 are located at TVC depot.

KCVL

Presently 4 pairs of Express (Weekly, Bi-weekly and Tri-weekly) trains with 69(bare) coaches are given primary attention here. 2 trains are given other end attention

and 3 Express train (Weekly/Tri-weekly) is given platform turn round attention at this depot. Minimum 02 seasonal special trains are also attended.

Total 69 primary coaches are handled here. This depot is under expansion.

ERM C

Present coach holding for primary maintenance is 277 (bare) and 5 trains are given other end attention. IOH schedule of coaches is under taken here.

ALLP

All the Passenger rakes plying between ERS – ALLP – GUV – KTYM – KYJ – QLN – ALLP are maintained at this depot. Coach holding of 7 Passenger rakes is 98 coaches. Also 1 train is given other end attention and 3 trains are given PFTR attention daily. Besides these, the daily 3351/3352 ALLP – Dhanbad Express is also given other end attention after pit line maintenance.

QLN

SE/C&W/QLN is in charge of BTC. Refresher courses are conducted for Artisans. Passenger trains towards TVC and KTYM side are given platform attention. Split roster from 06.30 to 09.00, 15.00 to 20.30 and 22.00 to 06.00 are operated with 4 staffs.

ERNAKULAM SOUTH

Ernakulam South is an important junction point in the Division. The depot caters mainly to the pass-through trains. Further 04 rakes of Express train and 09 rakes of passenger trains are given platform attention. Special trains of all time not requiring pit attention are also dealt here.

In view of introduction of 3500 Kms BPC, required infrastructure such as water hydrants and concrete apron is to be developed.

ARME scale 1 is located at ERS depot. The entry is from ALLP end and stabled near Platform. 2 lay bye.

WAGON DEPOTS

IRUMPANAM

This is the only POL tank wagon depot in the Division and holding about 850 POL wagons. An average of 04 trains being checked intensively with return BPC. 04 BTPN rakes to carry Naphtha to NTPC, CHPD are also attended. Presently these rakes coming with premium BPC from ED and JTJ are attended for any defects noted. Also suitable assistance is rendered to the refinery staff rectifying valve defects. An average one rake of fertilizer load from FACT Cochin Division is also starting from the IPN depot as pilot train to ERM.

This yard is meant for catering the Railway need of two gantries such as Cochin Refineries Ltd., and BPCL.

ERNAKULAM MARSHALLING YARD

ERM is a major wagon depot of this Division. Examination of originating and terminating goods trains including Jumbo is being done here. This is the only nodal depot for air brake attention of this Division. This depot is well versed in MFD usage in disaster management. Premium rake checking is attended at this depot for air brake wagons.

'B' class ART with hydraulic re-railing equipments is located at this depot.

DETAILS OF COACH MAINTENANCE DEPOTS - BG

Depot	Primary Maintenance Rakes		Primary Maintenance Coaches		Total Coaches	Secondary Maintenance Trains
	Exp.	Pass.	Exp.	Pass.		
NCJ	14	8	245	112	357	1
TVC	28	2	567	24	591	4
KCVL	4	0	69	0	69	2
ERM CD	14	1	263	14	277	5
ALLP	0	7	0	98	98	1
Total	60	18	1144	248	1392	13

Details of trains maintained at various coaching depots

NCJ Coaching depot - Primary Maintained Trains

Sl. No	Tr. No.	Service	Section	KMs	No. of rake	No. of coaches	Mechanized cleaning	Maintenance		
								Days	Time	
1	6317	Wkly (Fri)	CAPE-JAT	3751	1	11	Yes	Fri	06-14	
2	6336	Wkly (Tue)	NCJ-GIM	2652	1	21	Yes	Mon	09-18	
3	6340	Four/days (Mon, Tue, Wed, Fri)	NCJ-CSTM	1952	5	18	Yes	Mon, Tue, Thu & Sun	09-18	
4	6351/52	Bi-wkly (Sun, Thu)	NCJ-CSTM	1970			Yes	Wed Sat	14-22 09-18	
5	2666	Wkly (Sat)	CAPE-HWH	2433			19	Yes	Fri	09-18

6	2659	Wkly (Sun)	NCJ-SHM	2606	1	20	Yes	Sat	09-18
7	2641	Wkly (Wed)	CAPE-NZM	3160	1	17	Yes	Tue	09-18
8	2690	Wkly (Sun)	NCJ-MAS	995	1	16		Sun	06-14
9	6382	Daily	CAPE-CSTM	2135	5	17		Daily	14-22
10	382 397 385	Daily	TEN-NCJ NCJ-CAPE CAPE-TEN	73 16 89	1	8		Mon & Fri	09-13.30
11	383 384	Daily	NCJ-CBE	1082	4	17		Daily	22-24/ 00-06
12	374 377 376 371 364 351 363 373	Daily	NCJ-TVC TVC-NCJ NCJ-TVC TVC-NCJ NCJ-KTYM KTYM-QLN QLN-TVC TVC-NCJ	71 71 71 71 231 96 64 71	3	12		Daily	22-24/ 00-06

Platform Turn Round Trains

Sl. No.	Tr. No.	Service	Sections	KMs	No. of rakes	No. of coaches/rake
1	6525	Daily	CAPE-SBC	910	3	21
2	2634	Daily	CAPE-MS	759	2	21
3	2668	Weekly (Fri)	NCJ-MS	727	1	19
4	6609	Daily	NCJ-CBE	537	2	14
5	372	Daily	NCJ-TVC	71	1	12
6	397	5 Days	NCJ-CAPE	16	1	8
7	6605/06	Tri-wkly (Mon,Wed,Fri)	MAQ-KCVL	626	1	13

TVC Coaching Depot

Primary Maintained Trains

Sl. No	Tr. No	Service	Section	KMs	No. of rake	No. of coaches/rake	Mechanized cleaning	Maintenance		
								Days	Time	
1	2626/25	Daily	TVC-NDLS	3058	7	24	Yes	Daily	09-17.30	
2	6346/45	Daily	TVC-LT(T)	1807	4	21	Yes	Daily	22-24/00-06	
3	6348/47	Daily	TVC-MAQ	634	4	21	Yes	Daily	09-17.30	
4	2075/76	Daily	TVC-CLT	413	1	15	Regular	Tue,Fri	22-24/00-05	
5	6301/02	Daily	TVC-SRR	348	1	23	Yes	Wed,Sun	22-24/00-04	
6	6303/04	Daily	TVC-ERS	221	1	16	Commuter service	Thu,Sun	09-17.30	
7	6341/6342	Daily	TVC-ERS	221	1	16		Mon,Fri	09-17.30	
8	2698/97	Wkly (Sat)	TVC-MAS	923	1 (Combined RL)	20	Yes	Sat (6333/2698)	06-14	
9	6333/34	Wkly Mon	TVC-VRL	2712		21	Yes	Mon (2697/6334)	06-14	
10	2644/43	Wkly (Tue)	TVC-NZM	3037		17	Yes	Tue(6327/2643)	06-14	
11	6324/23	Bi-wkly (Thu & Sat)	TVC-SHM	2572		5 (Combined rake link)	17	Yes	Thu,Sat 6325/6323 & 6327/6323	06-14
12	6325/26	Wkly (Sat)	TVC-INDB	2656			19	Yes	Fri(6324/6326)	06-14
13	6327/28	Bi-wkly (Mon, Thu)	TVC-KRBA	2521	18		Yes	Sun,Wed (2644/6328 & 6324/6328)	14-22/09-17.30	
14	6343/44	Daily	TVC-PGTN	376	2	13		Wed,Thu Sat,Sun	14-22	
15	6321/22	Wkly (Wed)	TVC-SBC	844	1 (Combined)	17	Yes	Wed (6331/6322)	06-14	

16	6331/ 32	Wkly (Sat)	TVC- CSTM	2016	ned RL)	18	Yes	Fri (6321/ 6332)	14-22
17	361 366	Daily	QLN- TVC TVC- QLN	64 64	1	15		Wed,Sun	09-17.30
18	372 375	Daily	NCJ- TVC TVC- NCJ	71 71	1	12		Tue,Sat	09-17.30

Other End Examination Trains(SM)

Sl. No	Tr.No	Service	Sections	KMs	No. of rake	No. of Coach / rake	Maintenance	
							Days	Time
1	2431/ 32	Tri-wkly (Tue,Thu,Fri)	TVC- NZM	315 4	2	17	Tue,Thu, Fri	09-17.30
2	2515/ 16	Wkly(Sun)	TVC- GHY	358 2	6	22	Sat	22- 24/00-00
3	2512/ 11	Tri-wkly (Tue,Wed,Sun)	TVC-GKP	325 1	4	23	Sat,Mon Tue	22- 24/00-06
4	7229/ 30	Daily	KCVL- HYB	138 0	5 (Integr ated rake)	22	Daily	22- 24/00-06

Platform Turn Round Trains

Sl.No.	Tr.No	Service	Sections	KMs	No. of rake	No. of coaches/rake
1	2075/76	Mon,Wed,Thu,Sat,Sun	TVC-CLT	413	1	15
2	2624/23	Daily	TVC- MAS	923	2	24
3	2695/96	Daily	TVC- MAS	923	2	22
4	6123/24	Daily	TVC-MS	799	2	19
5	6603/04	Daily	TVC- MAQ	634	4	18
6	6630/29	Daily	TVC- MAQ	634		18
7	6349/50	Daily	TVC- MAQ	634	2	20

KCVL Coaching Depot –

Primary Maintained Trains

Sl. No.	Tr.No	Service	Section	KMs	No. of rake	No. of coaches/rake	Mechanized cleaning	Maintenance	
								Days	Time
1	2202/01	Bi-wkly (Sun,Thu)	KCVL-LT(T)	1515	1	15		Sat Wed	22-24/00-06 09 – 17 - 30
2	2287/88	Wkly(Fri)	KCVL-DDN	3466	1	13		Thu	22-24/00-06
3	6311/12	Wkly (Sat)	KCVL-BKN	3018	1	23		Fri	06-14
4	6315/16	Tri-wkly (Sat,Tue, Thu)	KCVL-SBC	855	1	18		Tue Thu Sat	09.30-15.30

Other End Examination (SM)

Sl. No.	Tr. No	Service	Section	KMs	No. of rake	No. of coaches / rake	Maintenance	
							Days	Time
1	2483/84	Wkly(Wed)	KCVL-ASR	3598	1	20	Tue	22-24/00-06
2	2217/18	Wkly(Sat)	KCVL-CDG	3417	1	18	Fri	22-24/00-06

PFTR Trains

Sl. No.	Train No	Service	Section	KMs	No. of Rakes	No. of Coaches/Rake
1	2258/57	Tri-wkly (Mon,Wed,Fri)	KCVL-YPR	847	2	12
2	2777A/78A	Thu	UBL- KCVL	929	1	14

Primary Maintained Trains

Sl. No	Tr.No	Service	Section	KMs	No. of rake	No. of coaches/rake	Mechanized cleaning	Maintenance	
								Days	Time
1	6359	Wkly (Sat)	ERS-PNBE	2990	1	19	Yes	Sat	08-14-00
2	2617	Daily	ERS-NZM	3063	6	18	Yes	Daily	14-22-00
3	2645	Wkly (Sat)	ERS-NZM	2830	1	15	Yes	Thu	08-14
4	6307	Daily	ALLP-ERS-CAN	332	1	15	Intercity	Thu, Sat	12-16
5	6309	Bi-wkly (Mon, Tue)	ERS-PNBE	2789	2 (Combined RL)	21	Yes	Mon, Tue	08-14
6	2683	Bi-wkly (Sun, Wed)	ERS-SBC	637	2 (Combined RL)	20	Yes	Sun, Wed	08-14
7	6338	Bi-wkly (Wed, Fri)	ERS-OKHA	2559	2 (Combined RL)	21	Yes	Wed, Fri	08-14
8	6305	Daily	ERS-CAN	284	1	17	Intercity	Sun, Wed	22-24/00-05
9	337 323 322 332	Daily	ERS-ALLP ALLP-QLN QLN-ALLP ALLP-ERS	57 84 84 57	1	14		Tue, Fri	10-15

Other End Examination (SM)

Sl. No.	Tr.No	Service	Section	KMs	No. of rake	No. of coaches/rake	Maintenance	
							Days	Time
1	1098	Wkly(Mon)	ERS-PA	1431	1	20	Mon	16-20
2	2977	Wkly(Sun)	ERS-JP	2728	1	22	Sun	08-12
3	2522	Wkly(Fri)	ERS-BJU	3445	1	20	Thu	22-24/00-06
4	2507	Wkly(Tue)	ERS-GHY	3361	6 (Integrated rake)	22	Mon	22-24/00-06
5	2284/83	Wkly(Tue)	ERS-NZM	2830	1	15	Tue	06.10-15.20

ERS Depot

Platform Turn Round Trains

Sl. No.	Train No.	Service	Section	KMs	No of Rakes	No of Coaches/Rake
1	2677/78	Daily	ERS-SBC	587	3	20
2	6865/66	Daily	ERS-TPJ	458	3	20
3	6303/04	Daily	ERS-TVC	221	1	16
4	6341/42	Daily	ERS-TVC	221	1	16
5	302 339 355 335 306 343 345 331 341	Daily	ERS-GUV ERS-KYJ ERS-QLN ERS-KYJ ERS-GUV ERS-KYJ ERS-KTYM ERS-ALLP ERS-KTYM	97 100 156 100 97 100 60 57 60	7	14
6	648	Daily	ERS-SRR	107	6	10
7	650	Daily	ERS-SRR	107	1	10

ALLP Depot

Primary Maintained Trains

Sl. No.	Tr.No	Service	Section	KMs	No. of rake	No. of coaches/rake	Maintenance		
							Days	Time	
1	302	Daily		97	7	14	Daily	10-17	
	303			23					
	304			ERSGUV					23
	305			GUV-TCR					97
	339			TCR-GUV					100
	324			GUV-ERS					43
	321			ERS-KYJ					43
	334			KYJ-ALLP					100
	355			ALLP-KYJ					156
	352			KYJ-ERS					156
	335			ERS-QLN					100
	336			QLN-ERS					100
	306			ERS-KYJ					97
	301			KYJ-ERS					97
	343			ERS-GUV					100
	344			GUV-ERS					100
	345			ERS-KYJ					60
	342			KYJ-ERS					60
	331			ERS-KTYM					57
	338			KTYM-ERS					57
341	ERS-ALLP	60							
353	ALLP-ERS	96							
354		96							
346		60							

Other End Examination

Sl. No	Tr.No	Service	Section	KMs	No. of rake	No. of coaches/rake	Maintenance	
							Days	Time
1	3352/51	Daily	ALLP-DHN	2367	6	20	Daily	22-24/00-06

Turn Round Trains

Sl. No.	Train No	Service	Section	KMs	No of Rakes	No. of coaches/Rake
1	6042	Daily	ALLP- MAS	746	2	22
2	6307	5 Days/Week	ALLP-ERS ERS-CAN	57 275	1	15
3	324 321	Daily	KYJ-ALLP ALLP-KYJ	43 43	7	14

QLN

Turn Round Trains

Sl. No.	Train No	Service	Section	KMs	No of Rakes	No of Coaches/Rake
1	728/727	Daily	QLN- MDU	366	2	18
2	363	Daily	QLN-TVC	64	3	12
3	354	Daily	QLN- KTYM	96	7	14
4	322	Daily	QLN- ALLP	84	1	14
5	352	Daily	QLN-ERS	156	7	14
6	361	Daily	QLN-TVC	64	1	15

GUV

Turn Round Trains

Sl. No.	Train No	Service	Section	KMs	No of Rakes	No of Coaches/Rake
1	303	Daily	GUV-TCR	23	3	16
2	307	Daily	GUV-TCR	23		
3	301	Daily	GUV-ERS	97	7	14

4	305	Daily	GUV-ERS	97		
5	6128	Daily	GUV-MS	1100	3	16

KTYM

Turn Round Trains

Sl. No.	Train No	Service	Section	KMs	No of Rakes	No of Coaches/Rake
1	351	Daily	KTYM-QLN	96	3	12
2	342	Daily	KTYM-ERS	60	7	14
3	346	Daily	KTYM-ERS	60		
4	353	Daily	KTYM-QLN	96		

WAGONS MAINTENANCE DEPOT

ERM G

Holding - Yard average : 100 wagon/day
Average sick attention : 300/Month (FWUs)

Sick Line details

Sl. No.	Length Meter	Holding capacity	Working capacity
1	146	17 Wagons	13 Wagons
2	150	17 Wagons	13 Wagons
3	122	13 Wagons	10 Wagons
4	122	13 Wagons	10 Wagons

IPN (TANK WAGONS)

Holding - based tanks : 850 (Tank wagon)
Sick attention : 450 wagon (Average)
Average ROH outturn : 32/Month

Sick line details

Line No.	Length in Meter	Holding capacity(in units)	Working capacity(in units)	Remarks
A	180	21	10	Chemical cleaning and barrel attention
B	153	18	13	-
C	175	20	14	-
D	162	19	13	Shallow pit