

PROKIZED IN - SAME M.NO. & W.NO. FB/110.

WAGON CARE CENTRE TUGHLAQABAD

PRE-ROH Inspection CHECK LIST OF LCCF 20C BOGIE

Ver 02

BOGIE NO. 9/20/181

Bolster Make & Built year

TEXMACO 10/09

Date 10/9/20

FRONT/REAR

Wagon no. M.no. from bogie removed

24/8 61250260244

Note 1. All Dimensions are in MM

2. All lines must be entered

3. REF - L.S.D. is fitted in left side & S/Frame No. 1 will be left side

	S No. of S. Frame	S/Frame Make	Built (Month/Year)
Side frame No. 1	SL 9846	STIMPLEX	10/09
Side frame No. 2	SL 9790	"	"

S.N.	Description of Checks	New size	Condemn size	S/Frame NO. 1		S/Frame NO. 2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	280	278	278	283	-	R-01	01 liner
2	Pedestal side outer	105	101	105	104	105	104	-	-	-
3	Pedestal side inner	105	101	104	105	104	103	-	-	-
4	Pedestal crown side	152	144	151	152	151	151	-	-	-
5	Pedestal crown roof	318	323	319	318	319	318	-	-	-
6	column side	216	206	215	216	215	216	-	-	-
7	side frame friction liner	10	6	9	9	8	8.2	02 ch.	-	Wear out
8	pocket liner	5	2	1	4	3	2	-	-	-
9	vertical wear of Wedge block	0	7	5	4	2	1	-	-	-
10	slope wear of Wedge block	0	3	0	1	1	1	-	-	-
11	Adopter make			56	56	56	56	-	-	-
12	Adopter side	268	262	263	264	261	262	-	-	-
13	Adopter crown lug	156	164	158	158	156	156	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre 39	Final 39	-	-	-	-	-
15	Centre pivot Ring liner wear	365	369	Pre 367	Final 367	-	-	-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A	-	-	-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-

Nominal clearances PRE & Final OF BOGIE

	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	14	14	12	16	Colour code of bolster springs
				FINAL:-	10	11	12	10	
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	26	25	26	25	A= Green, B= Yellow, C= Gray, D= White, E= Sky blue
				FINAL:-	26	25	26	25	
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	5	4	5	C/code of provided paired bolster spring
				FINAL:-	4	5	4	5	
	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	24	25	24	25	D
				FINAL:-	24	25	24	25	
	Side bearer clearance	0.5	2	PRE:-	-	-	-	-	ok
				FINAL:-	-	-	-	-	
	CCSB Height under Tare	129.5	132.5	PRE:-	131	131	130	130	ok
				FINAL:-	131	131	130	130	
5	Bogie Trammeling		3018±4.5		ok	1	ok		

Material consumption:-

1	W/Jaw adopter	W/Jaw	-	14	Side bearer Nut&Bolt	-	-	27	Push rod
2	Bk. Beam wear plate	0.2ch.	0.2ch.	15	Side bearer seat	-	-	28	BK. Beam bush
3	Wear plate	"	0.2ch.	16	Retaining Bolt	-	-	29	Slide block
4	F/M Pad	0.2ch	0.2ch	17	Jaw liner 3 mm	8pax 01	-	30	Pin size 28*100 mm
5	Bk/block	"	"	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm
6	10*100 mm S/Pin	"	"	19	C. Pivot Ring	-	-	32	Bulb cotter
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34	W/out
9	S/Bearer spg	-	-	22	Bolster spg. Inner	-	-	35	W/out
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36	W/out
11	Friction liner	-	-	24	Push rod safety	-	-	37	W/out
12	W/Block	-	-	25	y Type F/ Lever	-	-	38	W/out
13	CCSB ASSY	-	-	26	Eqilizing lever	-	-	39	W/out

Sign of Sr. Tech

Jan 2020  
S. T. Tech

CCF/100

## WAGON CARE CENTRE TUGHLAKABAD

## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

NO. 9/20/182

Bolster Make &amp; Built year: TEXMACO 10/09

Date: 10/9/20

CONT/RE

Wagon no./M. no. from bogie removed: 84/8

6/25/02 60244

Note: 1. All Dimensions are in M.M.

2. All lines must be entered 3. REF:- L.S.D. is fitted in left side &amp; S/Frame No.-1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remark
				left	Right	left	Right			
1	Pedestal Jaw	278	286	279	280	253	278	-	R-01	01/0
2	Pedestal side outer	105	101	104	105	104	105	-	-	-
3	Pedestal side inner	105	101	105	104	105	104	-	-	-
4	Pedestal crown side	152	144	152	151	152	151	-	-	-
5	Pedestal crown roof	318	323	318	319	318	319	-	-	-
6	column side	216	206	216	215	216	215	-	-	-
7	side frame friction liner	10	6	9	8	8.5	9	-	-	-
8	pocket liner	5	2	3.5	3	4	3	-	-	-
9	vertical wear of Wedge block	0	7	4	2	3	1	-	-	-
10	slope wear of Wedge block	0	.3	0	1	0	1	-	-	-
11	Adopter make			EA	EA	EA	EA	-	-	-
12	Adopter side	268	262	266	265	267	264	-	-	-
13	Adopter crown lug	156	164	157	158	158	158	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre 39	Final 39			-	-	-
15	Centre pivot Ring liner wear	365	369	Pre 366	Final 366			-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A		A		-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-

## Nominal clearances PRE &amp; Final Of BOGIE

	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	13	15	16	14	Colour code of bolster springs:-	
				FINAL:-	10	12	11	13		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	25	25		
				FINAL:-	25	26	25	25		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	5	4	4		
				FINAL:-	4	5	4	4		
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	24	24	26	26		
				FINAL:-	24	24	26	26		
3	Side bearer clearance	0.5	2	PRE:-	-	-	-	-		
				FINAL:-	-	-	-	-		
4	CCSB Height under Tare	129.5	132.5	PRE:-	130	130	131	131		
				FINAL:-	130	130	131	131		
5	Bogie Trammeling			3018±4.5		OK	OK			

## Material consumption:-

1	W/jaw adopter	-	-	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	-	-	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	-	-	16	Retaining Bolt	Wt64, 01Ch.	01Ch.	29	Slide block	-
4	E/M Pad	Wt64	04Ch	17	Jaw liner 3 mm	Repairs	01	30	Pin size 28*100 mm	-
5	Bk/block	"	"	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-
6	10*100 mm S/Pin	"	"	19	C. Pivot Ring	-	-	32	bulb cotter	-
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key &N/BOLT	Wt64
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34		
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35		
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	-	-	25	y-Type F/ Lever	-	-	38		
13	CCSB ASSY	-	-	26	Eqilizing lever	-	-	39		

Sign of Sr. Tech

Signature

Sgn of IE/CCF

Scanned by CamScanner

## WAGON CARE CENTRE TUGHLAKABAD

## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

Date NO. 9/20/183

Bolster Make &amp; Built year TEXMACO 8/07

Date 10/9/20

CONT/RAR

Wagon no./M. no. from bogie removed 24/8

68250060357

Note:- 1. All Dimensions are in M.M.

2. All lines must be entered 3. REF:- L.S.D. is fitted in left side &amp; S/Frame No.-1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	280	290	281	279	-	-	-
2	Pedestal side outer	105	101	105	105	105	105	-	-	-
3	Pedestal side inner	105	101	104	105	104	105	-	-	-
4	Pedestal crown side	152	144	150	151	151	150	-	-	-
5	Pedestal crown roof	318	323	319	319	318	318	-	-	-
6	column side	216	206	215	215	216	215	-	-	-
7	side frame friction liner	10	6	09	09	08	09	-	-	-
8	pocket liner	5	2	1	3	3	2	0.2 Ch.	-	W/out
9	vertical wear of Wedge block	0	7	01	02	04	02	-	-	-
10	slope wear of Wedge block	0	3	01	01	02	01	-	-	-
11	Adopter make			EA	EA	EA	EA	-	-	-
12	Adopter side	268	262	266	265	266	265	-	-	-
13	Adopter crown lug	156	164	156	157	157	157	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre.....	38	Final.....	38	-	-	-
15	Centre pivot Ring liner wear	365	369	Pre.....	366	Final.....	366	-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A			-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-

## Nominal clearances PRE &amp; Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	19	15	15	19	Colour code of bolster springs:
				FINAL:-	13	10	12	11	
2	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	25	25	25	
				FINAL:-	28	25	26	25	
3	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	5	4	5	
				FINAL:-	4	5	4	5	
4	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	22	23	24	23	
				FINAL:-	22	22	23	23	
5	Side bearer clearance	0.5	2	PRE:-	-	-	-	-	
				FINAL:-	-	-	-	-	
6	CCSB Height under Tare	129.5	132.5	PRE:-	130	129.5	130	120	
				FINAL:-	131	130	130	131	
5				3018±4.5	0/k 1/k				

A= Green, B=Yellow, C=Gray, D=White, E=Sky blue

C/code of provided paired bolster springs

(A) -

1	W/jaw adopter	-	-	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	W/out	0/Ch.	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	"	0/Ch.	16	Retaining Bolt	W/out	0/Ch.	29	Slide block	-
4	E/M Pad	W/out	0/Ch.	17	Jaw liner 3 mm	-	-	30	Pin size 28*100 mm	-
5	Bk/block	"	0/Ch.	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-
6	10*100 mm S/Pin	"	0/Ch.	19	C. Pivot Ring	-	-	32	bulb cotter	-
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key &N/BOLT	W/out
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34		-
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35		-
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36		-
11	Friction liner	-	-	24	Push rod safety	-	-	37		-
12	W/Block	-	-	25	y-Type F/ Lever	-	-	38		-
13	CCSB ASSY	-	-	26	Eqilizing lever	-	-	39		-

Signature :-

Sign of JE/SSE

Sign of S Tech

## WAGON CARE CENTRE TUGHLAKABAD

## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

NO. 9/20/184

Bolster Make & Built year... TEXMACO 4/11

Date... 10/9/20

ONT/REAR.....

Wagon no./M. no. from bogie removed... 24/9 622500 60357

Note:- 1. All Dimensions are in M.M.

2. All lines must be entered 3. REF:- L.S.D. is fitted in left side &amp; S/Frame No. 1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	283	280	278	283	-	R-od	od lined
2	Pedestal side outer	105	101	105	105	105	105	-	-	-
3	Pedestal side inner	105	101	104	105	104	105	-	-	-
4	Pedestal crown side	152	144	150	151	151	150	-	-	-
5	Pedestal crown roof	318	323	318	319	318	319	-	-	-
6	column side	216	206	216	215	216	215	-	-	-
7	side frame friction liner	10	6	09	09	09	08	-	-	-
8	pocket liner	5	2	4	3	1	2	0.2Ch.	-	W/o/wd
9	vertical wear of Wedge block	0	7	01	02	01	02	-	-	-
10	slope wear of Wedge block	0	3	1	1	2	2	-	-	-
11	Adopter make			9EM	9EM	9EM	9EM	-	-	-
12	Adopter side	268	262	265	266	265	267	-	-	-
13	Adopter crown lug	156	164	157	156	157	157	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre....3.8.....	Final....3.8.....			-	-	-
15	Centre pivot Ring liner wear	365	369	Pre....3.66.....	Final....3.66.....			-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A			-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-

## Nominal clearances PRE &amp; Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	18	14	13	16	Colour code of bolster springs:-
				FINAL:-	12	10	11	12	
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	25	25	25	A= Green, B=Yellow, C=Gray, D=White, E=Sky blue
				FINAL:-	26	25	26	25	
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	5	4	5	C/code of provided paired bolster springs:-
				FINAL:-	4	5	4	5	
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	22	23	22	23	(A)
				FINAL:-	22	23	22	23	
3	Side bearer clearance	0.5	2	PRE:-	—	—	—	—	(A)
				FINAL:-	—	—	—	—	
4	CCSB Height under Tare	129.5	132.5	PRE:-	130	130	129	130	6/04
				FINAL:-	131	130	130	131	
5	Bogie Trammeling			3018±4.5	OK/1 OK				

## Material consumption:-

1	W/jaw adopter	—	—	14	Side bearer Nut&Bolt	—	—	27	Push rod	—
2	Bk. Beam wear plate	W/o/wd	0.2Ch.	15	Side bearer seat	—	—	28	BK. Beam bush	—
3	Wear plate	“	0.2Ch.	16	Retaining Bolt	—	—	29	Slide block	—
4	E/M Pad	W/o/wd	0.4 Ch.	17	Jaw liner 3 mm	8c/pair	0.2	30	Pin size 28*100 mm	—
5	Bk/block	“	0.4 Ch.	18	Jaw liner 4 mm	—	—	31	Pin size 40*118 mm	—
6	10*100 mm S/Pin	“	0.4 Ch.	19	C. Pivot Ring	—	—	32	bulb cotter	—
7	Bk/block key	—	—	20	C. Pivot bottom liner	—	—	33	S/F Key & N/BOLT	6/04
8	Bk. beam	—	—	21	Bolster spg. Outer	—	—	34		—
9	S/Bearer spg.	—	—	22	Bolster spg. Inner	—	—	35		—
10	Bolster liner	—	—	23	Bolster spg. Snubber	—	—	36		—
11	Friction liner	—	—	24	Push rod safety	—	—	37		—
12	W/Block	—	—	25	y-Type F/ Lever	—	—	38		—
13	CCSB ASSY	—	—	26	Eqilizing lever	—	—	39		—

Sign of Mr. Tech

Sign of JE/SSE

## WAGON CARE CENTRE TUGHLAKABAD

## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

DATE NO. 9/20/185

Bolster Make &amp; Built year.....SIMPLEX 8/04

Date 10/9/20

FRONT/REAR

Wagon no./M. no. from bogie removed.....24/9 622502 60364

Note:- 1. All Dimensions are in M.M.

2. All lines must be entered

3. REF:- L.S.D. is fitted in left side &amp; S/Frame No.-1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	278	279	278	280	-	-	-
2	Pedestal side outer	105	101	104	105	104	105	-	-	-
3	Pedestal side inner	105	101	105	104	105	104	-	-	-
4	Pedestal crown side	152	144	151	150	151	150	-	-	-
5	Pedestal crown roof	318	323	318	319	318	319	-	-	-
6	column side	216	206	215	215	216	215	-	-	-
7	side frame friction liner	10	6	09	09	09	08	-	-	-
8	socket liner	5	2	3	4	3	4	-	-	-
9	vertical wear of Wedge block	0	7	01	02	01	02	-	-	-
10	slope wear of Wedge block	0	3	00	01	01	0	-	-	-
11	Adopter make			EA	EA	EA	EA	-	-	-
12	Adopter side	268	262	266	265	266	267	-	-	-
13	Adopter crown lug	156	164	157	156	157	157	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre.....3.8.....Final.....3.8.....				-	-	-
15	Centre pivot Ring liner wear	365	369	Pre.....36.6.....Final.....36.6.....				-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A			-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-

## Nominal clearances PRE &amp; Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	12	14	12	13	Colour code of bolster springs:-		
				FINAL:-	13	10	12	11	A= Green, B=Yellow, C=Gray, D=White, E=Sky blue		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	25	26			
				FINAL:-	26	25	26	25			
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	4	5	4			
				FINAL:-	5	4	5	4			
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	22	23	22	23	C/code of provided paired bolster springs:-		
				FINAL:-	22	23	22	23			
3	Side bearer clearance	0.5	2	PRE:-	-	-	-	-			
				FINAL:-	-	-	-	-			
4	CCSB Height under Tare	129.5	132.5	PRE:-	130	130	130	129			
				FINAL:-	131	131	131	130			
5	Bogie Trammeling			3018±4.5	OK	1	OK				

## Material consumption:-

1	W/jaw adopter	-	-	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	W/04t	0.2ch	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	-	-	16	Retaining Bolt	W/04t	0.1ch.	29	Slide block	-
4	E/M Pad	W/04t	0.4ch.	17	Jaw liner 3 mm	-	-	30	Pin size 28*100 mm	-
5	Bk/block	"	0.4ch.	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-
6	10*100 mm S/Pin	"	0.4ch.	19	C. Pivot Ring	-	-	32	bulb cotter	-
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	W/04t 03
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34		
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35		
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	-	-	25	y-Type F/ Lever	-	-	38		
13	CCSB ASSY	-	-	26	Eqilizing lever	-	-	39		

Signature of JE/SSE

Signature of Tech

## WAGON CARE CENTRE TUGHLAQABAD

## PRE ROH Inspection CHECK LIST OF LCCP-20C BOGIE

Ver-02

10/9/20/186

Bolster Make & Built year..... **SIMPLEX 4/19**

Date 10/9/20

INT/REAR

Wagon no /M. no from bogie  
removed..... **2418 62250060314**

Note: 1. All Dimensions are in M.M.

2. All lines must be entered

3. REF:- L S D. is fitted in left side &amp; S/Frame No.-1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	290	281	278	283	-	R.C1	01/21
2	Pedestal side outer	105	101	105	104	105	104	-	-	-
3	Pedestal side inner	105	101	104	104	105	105	-	-	-
4	Pedestal crown side	152	144	150	151	150	151	-	-	-
5	Pedestal crown roof	318	323	318	319	318	319	-	-	-
6	column side	216	206	215	216	215	216	-	-	-
7	side frame friction liner	10	6	09	09	09	08	-	-	W/04 02ch
8	pocket liner	5	2	4	7	2	3	02ch.	-	W/04 02ch
9	vertical wear of Wedge block	0	7	01	02	01	02	-	-	-
10	slope wear of Wedge block	0	3	00	01	01	00	-	-	-
11	Adopter make			EP	EP	EP	EP	-	-	-
12	Adopter side	268	262	265	265	267	266	-	-	-
13	Adopter crown lug	156	164	156	157	156	157	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre 38	Final 38			-	-	-
15	Centre pivot Ring liner wear	365	369	Pre 366	Final 366			-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A			-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-

## Nominal clearances PRE &amp; Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	15	16	11	17	Colour code of bolster springs:-	
				FINAL:-	13	10	12	11		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	26	25	26	25		
				FINAL:-	25	26	25	26		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	5	4	5		
				FINAL:-	5	4	5	4		
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	22	23	22	23		
				FINAL:-	22	23	22	23		
3	Side bearer clearance	0.5	2	PRE:-	-	-	-	-		
				FINAL:-	-	-	-	-		
4	CCSB Height under Tare	129.5	132.5	PRE:-	130	130	130	129		
				FINAL:-	131	131	131	130		
5	Bogie Trammeling	3018±4.5		OK / OK						

A= Green, B=Yellow, C=Gray, D=White, E=Sky blue

C/code of provided paired bolster springs

(A)

## Material consumption:-

1	W/jaw adopter	-	-	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk. Beam wear plate	-	-	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	W/04	02ch.	16	Retaining Bolt	-	-	29	Slide block	-
4	E/M Pad	W/04	04ch.	17	Jaw liner 3 mm	Y/PAK 01	-	30	Pin size 28*100 mm	-
5	Bk/block	"	04ch.	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-
6	10*100 mm S/Pin	"	04ch.	19	C. Pivot Ring	-	-	32	bulb cotter	-
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key &N/BOLT	W/04 04ch
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34		
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35		
10	Bolster liner	-	-	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	-	-	25	Y-Type F/ Lever	-	-	38		
13	CCSB ASSY	-	-	26	Eqilizing lever	-	-	39		

Sign of Tech

Sign of JE/SSE

## WAGON CARE CENTRE TUGHLAKABAD

## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

9/2/187	Bolster Make & Built year..... FRONTIER	Date...10/9/20
TRIP	Wagon no./M. no. from bogie removed..... 28/4 60250060371	

Note:- 1. All Dimensions are in M.M. 2. All lines must be entered 3. REF:- L.S.D. is fitted in left side & S/Frame No.-1 will be left side

N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
	Pedestal Jaw	278	286	284	280	283	278	-	R rod	ok
	Pedestal side outer	105	101	104	105	104	105	-	-	-
	Pedestal side inner	105	101	105	104	105	104	-	-	-
	Pedestal crown side	152	144	151	150	151	150	-	-	-
	Pedestal crown roof	318	323	319	318	319	318	-	-	-
	column side	216	206	216	215	216	215	-	-	-
	side frame friction liner	10	6	09	09	09	08	-	-	-
	pocket liner	5	2	3.5	3	4	3	-	-	-
	vertical wear of Wedge block	0	7	01	02	01	02	-	-	-
	slope wear of Wedge block	0	3	00	01	01	00	-	-	-
	Adopter make			AAR	AAR	AAR	AAR	-	-	-
	Adopter side	268	262	265	266	264	267	-	-	-
	Adopter crown lug	156	164	156	157	156	157	-	-	-
	Centre pivot bottom liner vertical	38	40	Pre...3.8	Final...3.8			-	-	-
	Centre pivot Ring liner wear	365	369	Pre...3.66	Final...3.66			-	-	-
	Bolster spg. Colour code	A,B,C,D,E,F		A	A			-	-	-
	Side bearer spg. Height	123	119	-	-	-	-	-	-	-

## Nominal clearances PRE &amp; FINAL OF BOGIE

Material consumption:-	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	19	14	19	11	Colour code of bolster springs:-
				FINAL:-	10	12	11	13	
Wear plate	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	26	25	26	25	A= Green, B=Yellow, C=Gray, D=White, E=Sky blue
				FINAL:-	25	26	25	26	
E/M Pad	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	4	5	4	C/code of provided paired bolster springs:-
				FINAL:-	4	5	4	5	
Bk/block	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	22	23	22	23	(A)
				FINAL:-	22	23	22	23	
Bk/block key	Side bearer clearance	0.5	2	PRE:-	-	-	-	-	
				FINAL:-	-	-	-	-	
S/Bearer spg.	CCSB Height under Tare	129.5	132.5	PRE:-	130	129	130	130	
				FINAL:-	131	130	131	131	
Bogie Trammeling				3018±4.5	OK / OK				

W/jaw adopter	-	-	14	Side bearer Nut & Bolt	-	-	27	Push rod	-
Bk. Beam wear plate	W/Out	01 Ch.	15	Side bearer seat	-	-	28	BK. Beam bush	-
Wear plate	-	-	16	Retaining Bolt	W/Out	01 Ch.	29	Slide block	-
E/M Pad	W/Out	04 Ch.	17	Jaw liner 3 mm	W/Out	02	30	Pin size 28*100 mm	-
Bk/block	"	04 Ch.	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-
10*100 mm S/Pin	"	04 Ch.	19	C. Pivot Ring	-	-	32	bulb cotter	-
Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	W/Out 04 Ch.
Bk. beam	-	-	21	Bolster spg. Outer	-	-	34		
S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35		
Bolster liner	W/Out	01 Ch.	23	Bolster spg. Snubber	-	-	36		
Friction liner	-	-	24	Push rod safety	-	-	37		
W/Block	-	-	25	Y-Type F/ Lever	-	-	38		
CCSB ASSY	-	-	26	Eqilizing lever	-	-	39		

Sign of Tech

Rohit JE/SSE

## WAGON CARE CENTRE TUGHAKABAD

## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

9/20/188

Bolster Make &amp; Built year..... ORIENT 11/06

Date 10/9/20

/REAR

Wagon no./M. no. from bogie removed.....

28/4 622500 60371

removed.....

removed.....

removed.....

1. All Dimensions are in M.M. 2. All lines must be entered 3. REF:- L.S.D. is fitted in left side &amp; S/Frame No.-1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1		S/Frame NO.-2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	280	279	278	280	-	-	-
2	Pedestal side outer	105	101	104	105	104	105	-	-	-
3	Pedestal side inner	105	101	105	104	105	104	-	-	-
4	Pedestal crown side	152	144	151	150	151	150	-	-	-
5	Pedestal crown roof	318	323	319	318	319	318	-	-	-
6	column side	216	206	216	215	216	215	-	-	-
7	side frame friction liner	10	6	09	09	09	08	-	-	-
8	pocket liner	5	2	4	3	4	3.5	-	-	-
9	vertical wear of Wedge block	0	7	01	02	01	02	-	-	-
10	slope wear of Wedge block	0	3	00	01	01	02	-	-	-
11	Adopter make			EA	EA	EA	EA	-	-	-
12	Adopter side	268	262	267	265	274	266	-	-	-
13	Adopter crown lug	156	164	156	157	156	157	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre.....3.8	Final.....3.8			-	-	-
15	Centre pivot Ring liner wear	365	369	Pre.....36.6	Final.....36.6			-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A			-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-

## Nominal clearances PRE &amp; Final OF BOGIE

	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	13	14	14	14
				FINAL:-	12	10	11	13
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	26	25	26	25
				FINAL:-	25	26	25	26
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	5	4	5
				FINAL:-	4	5	4	5
	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	22	23	22
				FINAL:-	23	22	23	22
3	Side bearer clearance	0.5	2	PRE:-	-	-	-	-
4	CCSB Height under Tare	129.5	132.5	PRE:-	130	130	130	129
				FINAL:-	131	131	131	130
5	Bogie Trammeling			3018±4.5	OK	/	OK	

Colour code of bolster springs:-

A= Green, B=Yellow, C=Gray, D=White, E=Sky blue

C/code of provided paired bolster springs:-

(A)

## Material consumption:-

1	W/Jaw adopter	-	-	14	Side bearer Nut&Bolt	-	-	27	Push rod	-
2	Bk Beam wear plate	-	-	15	Side bearer seat	-	-	28	BK Beam bush	-
3	Wear plate	-	-	16	Retaining Bolt	W/04/04 ch.	01 ch.	29	Slide block	-
4	E/M Pad	W/04/04 ch.	04 ch.	17	Jaw liner 3 mm	-	-	30	Pin size 28*100 mm	-
5	Bk/block	"	04 ch.	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-
6	10*100 mm S/Pin	"	04 ch.	19	C Pivot Ring	-	-	32	bulb cotter	-
7	Bk/block key	-	-	20	C Pivot bottom liner	-	-	33	S/F Key & N/BOLT	W/04/04 ch.
8	Bk beam	-	-	21	Bolster spg. Outer	-	-	34		
9	S/Bearer spg	-	-	22	Bolster spg. Inner	-	-	35		
10	Bolster liner	W/04/04 ch.	04 ch.	23	Bolster spg. Snubber	-	-	36		
11	Friction liner	-	-	24	Push rod safety	-	-	37		
12	W/Block	-	-	25	V-Type F/ Lever	-	-	38		
13	CCSB ASSY	-	-	26	Equalizing lever	-	-	39		

Sign of S/ Tech  
OmarSignature  
Sign of JE/SSE

## WAGON CARE CENTRE TUGHAKABAD

## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver 52

9/20/187	Bolster Make & Built year..... FRONTIER	Date 10/9/20
REAR	Wagon no./M. no. from bogie removed..... 2814 6225 or 60371	

1. All Dimensions are in M.M.

2. All lines must be entered 3. REF: L.S.D. is fitted in left side &amp; S/F frame No. 1 will not have surface

S. No. of S/ Frame	S/Frame Make	Built (Month/Year)	S/Frame NO. 1				Changed to	Reported by	Remarks
			left	Right	left	Right			
frame No.-1	SL373	FRONTIER	7/14						
frame No.-2	SL 270	"	6/14						
Description of Checks	New size	Condemn size	S/Frame NO. 1	S/Frame NO. 2	left	Right	Changed to	Reported by	Remarks
Pedestal Jaw	278	286	284	280	283	278	-	P. od	02/01
Pedestal side outer	105	101	104	105	104	105	-	-	-
Pedestal side inner	105	101	105	104	103	104	-	-	-
Pedestal crown side	152	144	151	150	151	150	-	-	-
Pedestal crown roof	318	323	319	318	319	318	-	-	-
column side	216	206	216	215	216	215	-	-	-
side frame friction liner	10	6	09	09	09	08	-	-	-
pocket liner	5	2	3.5	3	4	3	-	-	-
vertical wear of Wedge block	0	7	01	02	01	02	-	-	-
slope wear of Wedge block	0	3	00	01	01	0	-	-	-
Adopter make			AAR	AAR	AAR	AAR	-	-	-
Adopter side	268	262	265	266	267	269	-	-	-
Adopter crown lug	156	164	156	157	156	157	-	-	-
Centre pivot bottom liner vertical	38	40	Pre...3.8	Final...3.8			-	-	-
Centre pivot Ring liner wear	365	369	Pre...3.66	Final...3.66			-	-	-
Bolster spg. Colour code	A,B,C,D,E,F		A	A			-	-	-
Side bearer spg. Height	123	119	-	-	-	-	-	-	-

## Clearances PRE &amp; Final Of BOGIE

Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	19	14	19	11	Colour code of bolster springs
			FINAL:-	10	12	11	13	
Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	26	25	26	25	A= Green, B= Yellow, C= Gray, D= White, E= Sky blue
			FINAL:-	25	26	25	26	
Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	4	5	4	C/code of provided paired bolster springs
			FINAL:-	4	5	4	5	
Lateral clearance in between bolster & S/Frame	22	28	PRE:-	22	23	22	23	(A)
			FINAL:-	22	23	22	23	
Side bearer clearance	0.5	2	PRE:-	-	-	-	-	(A)
			FINAL:-	-	-	-	-	
CSB Height under Tare	129.5	132.5	PRE:-	130	129	130	130	OK
			FINAL:-	131	130	131	131	

## Bogie Trammeling

3018±4.5

OK /

Consumption:-								
V/jaw adopter	-	-	14	Side bearer Nut & Bolt	-	-	27	Push rod
Sk. Beam wear plate	W/o cut	01 ch.	15	Side bearer seat	-	-	28	BK. Beam bush
Vear plate	-	-	16	Retaining Bolt	W/o cut	01 ch.	29	Slide block
/M Pad	W/o cut	04 ch.	17	Jaw liner 3 mm	Yc/048	02	30	Pin size 28*100 mm
Ik/block	"	04 ch.	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm
0*100 mm S/Pin	"	04 ch.	19	C. Pivot Ring	-	-	32	bulb cotter
Ik/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key BN/BOLT
Ik. beam	-	-	21	Bolster spg. Outer	-	-	34	W/o cut
/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35	
Bolster liner	W/o cut	01 ch.	23	Bolster spg. Snubber	-	-	36	
friction liner	-	-	24	Push rod safety	-	-	37	
V/Block	-	-	25	y-Type F/ Lever	-	-	38	
CSB ASSY	-	-	26	Eqilizing lever	-	-	39	

Sign \_\_\_\_\_ Tech \_\_\_\_\_

## WAGON CARE CENTRE TUGHLAQABAD

## PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver 02

9/20/188

Bolster Make &amp; Built year ORIENT 11/06

Date 10/9/20

/REAR.....

Wagon no./M. no. from bogie removed 29/4 62250060371

Note:- 1. All Dimensions are in M.M. 2. All lines must be entered 3. REF:- L.S.D. is fitted in left side &amp; S/Frame No. 1 will be left side

S.N.	Description of Checks	New size	Condemn size	S/Frame NO. 1		S/Frame NO. 2		Changed=C	Repaired=R	Remarks
				left	Right	left	Right			
1	Pedestal Jaw	278	286	280	279	278	280	-	-	-
2	Pedestal side outer	105	101	104	105	104	105	-	-	-
3	Pedestal side inner	105	101	105	104	105	104	-	-	-
4	Pedestal crown side	152	144	151	150	151	150	-	-	-
5	Pedestal crown roof	318	323	319	318	319	318	-	-	-
6	column side	216	206	216	215	216	215	-	-	-
7	side frame friction liner	10	6	09	09	09	08	-	-	-
8	pocket liner	5	2	4	3	4	3.5	-	-	-
9	vertical wear of Wedge block	0	7	01	02	01	02	-	-	-
10	slope wear of Wedge block	0	3	00	01	01	02	-	-	-
11	Adopter make			EA	EA	EA	EA	-	-	-
12	Adopter side	268	262	267	265	264	266	-	-	-
13	Adopter crown lug	156	164	156	157	156	157	-	-	-
14	Centre pivot bottom liner vertical	38	40	Pre..... 3.8.....	Final..... 3.8.....			-	-	-
15	Centre pivot Ring liner wear	365	369	Pre..... 36.6.....	Final.... 36.6.....			-	-	-
16	Bolster spg. Colour code	A,B,C,D,E,F		A	A			-	-	-
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	-

## Nominal clearances PRE &amp; Final OF BOGIE

	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	13	14	14	14	Colour code of bolster springs:-	
				FINAL:-	12	10	11	13		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	26	25	26	25		
				FINAL:-	25	26	25	26		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	5	4	5		
				FINAL:-	4	5	4	5		
	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	22	23	22		
				FINAL:-	23	22	23	22		
3	Side bearer clearance	0.5	2	PRE:-	—	—	—	—		
				FINAL:-	—	—	—	—		
4	CCSB Height under Tare	129.5	132.5	PRE:-	130	130	130	129		
				FINAL:-	131	131	131	130		
5	Bogie Trammeling			3018±4.5	OK	OK	OK	OK		

A= Green, B=Yellow, C=Gray, D=White, E=Sky blue

C/code of provided paired bolster spring

(A)

## Material consumption:-

1	W/jaw adopter	—	—	14	Side bearer Nut&Bolt	—	—	27	Push rod	—
2	Bk. Beam wear plate	—	—	15	Side bearer seat	—	—	28	BK. Beam bush	—
3	Wear plate	—	—	16	Retaining Bolt	W/0ch	01ch	29	Slide block	—
4	F/M Pad	W/04ch	04ch	17	Jaw liner 3 mm	—	—	30	Pin size 28*100 mm	—
5	Bk/block	“	04ch	18	Jaw liner 4 mm	—	—	31	Pin size 40*118 mm	—
6	10*100 mm S/Pin	“	04ch	19	C. Pivot Ring	—	—	32	bulb cotter	—
7	Bk/block key	—	—	20	C. Pivot bottom liner	—	—	33	S/F Key & N/BOLT	W/04ch
8	Bk. beam	—	—	21	Bolster spg. Outer	—	—	34		—
9	S/Bearer spg.	—	—	22	Bolster spg. Inner	—	—	35		—
10	Bolster liner	W/04ch	01ch	23	Bolster spg. Snubber	—	—	36		—
11	Friction liner	—	—	24	Push rod safety	—	—	37		—
12	W/Block	—	—	25	y-Type F/ Lever	—	—	38		—
13	CCSB ASSY	—	—	26	Eqilizing lever	—	—	39		—

Sign of Tech

Scanned by CamScanner