

P.O.H. - JHSW 29/06/17 Provided in M.No. Wagon No. 61250518448 120  
 P.O.H. - TKD 11/07/19  
 Ref. - 02/22

WAGON CARE CENTRE TUGHLAQABAD

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

Ver-02

BOGIE NO.	9/20/180	Bolster Make & Built year	HEI 3/10	Date	9/9/20
FRONT/REAR.....		Wagon no./M. no. from bogie removed	TX-101 61250518431		

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

		S. No. of S/Frame	S/Frame Make		Built (Month/Year)							
Side frame No.-1	SL2557	HEI			3/10		S/Frame NO.-1	S/Frame NO.-2	Changed=C	Repaired=R	Remarks	
Side frame No.-2	SL289	"			9/09							
S.N.	Description of Checks	New size	Condemn size				left	Right				
1	Pedestal Jaw	278	286	283	280		278	283	-	Rod	ok lined	
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	216		215	216	-	-	-	
7	side frame friction liner	10	6	09	08		09	09	-	-	-	
8	pocket liner	5	2	3	4		3	3	-	-	-	
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			51	51		51	51	-	-	-	
12	Adopter side	268	262	267	266		265	266	-	-	-	
13	Adopter crown lug	156	164	157	158		157	156	-	-	-	
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 & Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	16	14	13	17	Colour code of bolster springs:-		
				FINAL:-	10	12	11	13			
2	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	26	25	26	25			
				FINAL:-	26	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	22	23	C/code of provided paired bolster springs:-		
				FINAL:-	22	23	22	23			
5	Side bearer clearance	0.5	2	PRE:-	-	-	-	-			
				FINAL:-	-	-	-	-			
6	CCSB Height under Tare	129.5	132.5	PRE:-	130	130	130	129			
				FINAL:-	131	131	131	130			
5				3018±4.5	ok / ok						

Material consumption:-

1	W/jaw adopter	-	-	14	Side bearer Nut&Bolt	-	-	27	Push rod	-	-
2	Bk. Beam wear plate	W/0.47	0.2Ch	15	Side bearer seat	-	-	28	BK. Beam bush	-	-
3	Wear plate	-	-	16	Retaining Bolt	-	-	29	Slide block	-	-
4	E/M Pad	W/0.47	0.4Ch.	17	Jaw liner 3 mm	Xp/0.47	0.2	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/0.47	0.4
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			

R.K. Karmakar  
Sign of St. Tech

Ramachandran  
Sign of IF/SSE

Provided byM/NO  
TQ-10/1 · 6125051848M/NO  
129

## WAGON CARE CENTRE TUGHAKABAD

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

BOGIE NO. 9/20/129	Bolster Make & Built year....	ORIENT 4/14	Date... 9/9/20
FRONT/REAR	Wagon no./M. no. from bogie removed....	TQ-10/1 61250519431	Ver-02

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

	S. No. of S/ Frame	S/Frame Make	Built (Month/Year)
Side frame No.-1	6217	OSRL	3/14
Side frame No.-2	520601	..	5/14

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	284	283	280	-	Pro	ok
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	150	152	151	150	-	-	-
5	Pedestal crown roof	318	323	318	318	319	319	-	-	-
6	column side	216	206	215	216	216	215	-	-	-
7	side frame friction liner	10	6	9	8	8.5	8.5	-	-	-
8	pocket liner	5	2	3	4	3	2	0/CH.	-	W/old/0/ch.
9	vertical wear of Wedge block	0	7	1	2	3	1	-	-	-
10	slope wear of Wedge block	0	3	1	1	1	2	-	-	-
11	Adopter make			EA	EA	EA	EA	-	-	-
12	Adopter side	268	262	967	967	956	956	-	-	-
13	Adopter crown lug	156	164	157	158	158	157	-	-	-
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

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	11	17	17	14	Colour code of bolster springs:-	
				FINAL:-	10	11	12	10		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	25	25	26		
				FINAL:-	25	25	25	26		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	4	4	5		
				FINAL:-	4	4	4	5		
	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	25	25	23	23		
				FINAL:-	25	25	23	23		
	Side bearer clearance	0.5	2	PRE:-	-	-	-	-		
				FINAL:-	-	-	-	-		
	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	1	OK			

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

C/cde 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	W/04t	02Ch	15	Side bearer seat	-	-	28	BK. Beam bush	-	-
3	Wear plate	"	01Ch.	16	Retaining Bolt	W/04t	01Ch.	29	Slide block	-	-
4	E/M Pad	W/out	04Ch	17	Jaw liner 3 mm	X/04t	02	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/out	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			

Signature  
Sigh of Sr. Tech

Provided in- M/N0 NO/N0 S/N0  
7X-10/1 6225027645 718

WAGON CARE CENTRE TUGHLAKABAD

Ver 03

PRE-ROH Inspection CHECK LIST OF LCCF 20C BOGIE

BOGIE NO 9/20/180	Bolster Make & Built year 761 12/06
FRONT/REAR	Wagon no./M. no. from bogie removed 7X-10/1 6225027645

Date 9/2/20

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)	S/Frame NO. 1		S/Frame NO. 2		Changed-C	Repaired-R	Remarks
S.N.	Description of Checks	New size	Condemn size	left	Right	left	Right			
1	Pedestal Jaw	278	286	291	293	290	298	-	R-01	01/11/20
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	150	151	152	150	-	-	-
5	Pedestal crown roof	318	323	319	318	319	318	-	-	-
6	column side	216	206	216	218	215	213	-	-	-
7	side frame friction liner	10	6	8	9	8.5	8.5	-	-	-
8	pocket liner	5	2	3	4	3.5	3.5	-	-	-
9	vertical wear of Wedge block	0	7	3	1	2	1	-	-	-
10	slope wear of Wedge block	0	3	8	1	1	1	-	-	-
11	Adopter make			510	510	510	510	-	-	-
12	Adopter side	268	262	268	262	265	262	-	-	-
13	Adopter crown lug	156	164	156	157	156	157	-	-	-
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 & Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	15	16	15	18	Colour code of bolster springs. A= Green, B=Yellow, C=Gray, D=White, E=sky blue	
				FINAL:-	10	12	11	10		
2	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	24	28	24	24		
				FINAL:-	24	28	24	24		
3	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	5	4	4		
				FINAL:-	4	5	4	4		
4	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	25	23	25		
				FINAL:-	23	25	23	25		
5	Side bearer clearance	0.5	2	PRE:-	—	—	—	—		
				FINAL:-	—	—	—	—		
6	CCSB Height under Tare	129.5	132.5	PRE:-	131	131	132	132		
				FINAL:-	131	131	130	130		

(A)

Material consumption:-

1	W/Jaw adopter	—	—	14	Side bearer Nut&Bolt	—	—	27	Push rod	—
2	Bk. Beam wear plate	W/o 4/0 ch.	—	15	Side bearer seat	—	—	28	BK. Beam bush	—
3	Wear plate	—	—	16	Retalning Bolt	W/o 4/0 ch.	—	29	Slide block	—
4	E/M Pad	W/o 4/0 ch.	—	17	Jaw liner 3 mm	W/o 4/0 ch.	—	30	Pin size 28*100 mm	W/o 4/0 ch.
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	W/o 4/0 ch.
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 JE/SSE

R.K. Kastha  
Sign of Sr. Tech

Provided in

n/nw  
Tx-10/1W/nw  
62250276EGB1/nw  
127

## WAGON CARE CENTRE TUGHAKABAD

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

Ver-02

BOGIE NO. 9/20/127

Bolster Make &amp; Built year. HDC 3/00

Date 9/9/20

FRONT/REAR ✓

Wagon no./M. no. from bogie removed. TX-10/1 6225027645

2. All lines must be entered

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

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

		S. No. of S/ Frame	S/Frame Make	Built (Month/Year)				
Side frame No.-1		SLP 566	HDC	02/01				
Side frame No.-2		SLP 780	"	2/01				
S.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1	S/Frame NO.-2	Changed=C	Repaired=R	Remarks
1	Pedestal Jaw	278	286	279 278	280 283	-	R-01	01/2020
2	Pedestal side outer	105	101	105 104	105 104	-	-	-
3	Pedestal side inner	105	101	104 105	104 105	-	-	-
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	215 216	215 216	-	-	-
7	side frame friction liner	10	6	8 9	8.5 8.5	-	-	-
8	pocket liner	5	2	3 3	4 3	-	-	-
9	vertical wear of Wedge block	0	7	0.3 0.1	0.2 0.1	-	-	-
10	slope wear of Wedge block	0	3	0.2 0.1	0.1 0.1	-	-	-
11	Adopter make			EA EA	EA EA	-	-	-
12	Adopter side	268	262	271 267	275 264	-	-	-
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 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

	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	13	11	15	19
				FINAL:-	10	11	12	10
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	25	26
				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:-	25	23	25	23
				FINAL:-	25	23	25	23
	Side bearer clearance	0.5	2	PRE:-	-	-	-	-
				FINAL:-	-	-	-	-
	CCSB Height under Tare	129.5	132.5	PRE:-	138	139	139	139
				FINAL:-	139	139	139	139
5	Bogie Trammeling	3018±4.5		2 01 1 01				

## 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	W/04T	04CH	15	Side bearer seat	-	-	28	BK. Beam bush	-
3	Wear plate	-	-	16	Retaining Bolt	W/04T	04CH	29	Slide block	-
4	F/IM Pad	W/04T	04CH	17	Jaw liner 3 mm	W/04T	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/04T 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		

R.K.Kashif Kumar S/o  
Sign of Sr. Tech

Scanned by CamScanner

Sign of JE/SSE



Sign

Provided in

M/N0  
Tx-10/1W/N0  
62250527652

M/N0

125

WAGON CARE CENTRE TUGHAKABAD  
PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE

Ver-02

BOGIE NO	9/10/125	Bolster Make & Built year	TITA 01/07	Date	10/9/20
FRONT/Rear		Wagon no /M. no. from bogie removed	T8-10/1 62250527652		

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	279	280	279	281	-	-	-
2	Pedestal side outer	105	101	105	104	105	104	-	-	-
3	Pedestal side inner	105	101	104	105	104	105	-	-	-
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	216	215	216	-	-	-
7	side frame friction liner	10	6	08	09	09	09	-	-	-
8	pocket liner	5	2	3.5	4	3	2	01/CH.	-	W/CH. 01/CH.
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			EA	EA	EA	EA	-	-	-
12	Adopter side	268	262	266	267	265	266	-	-	-
13	Adopter crown lug	156	164	157	158	157	158	-	-	-
14	Centre pivot bottom liner vertical	38	40	38	38	38	38	-	-	-
15	Centre pivot Ring liner wear	365	369	366	366	366	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:-	18	13	19	15	Colour code of bolster springs:
				FINAL:-	10	13	12	11	
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	25	26	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:-	4	5	4	5	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:-	-	-	-	-	
				FINAL:-	-	-	-	-	
	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				

## Material consumption:-

1	W/Jaw adopter	-	-	14	Side bearer Nut&Bolt	-	-	27	Push rod	
2	Bk. Beam wear plate	W/o4	04Ch.	15	Side bearer seat	-	-	28	BK. Beam bush	
3	Wear plate	"	01Ch.	16	Retaining Bolt	-	-	29	Slide block	
4	F/M Pad	W/o4	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/o4 04C
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	Eqillizing lever	-	-	39		

Jan 2024  
Sign of JE/SSE

Sign of Sr. Tech

Q/W  
Q/W

## PRE-ROH Inspection CHECK LIST OF ECF-200 BOGIE

Ver 02

OGIE NO. 9/20/184

Bolster Make &amp; Built year... 78X1340 10/08

Date 10/9/20

REAR/REAR

Wagon no./M. no. from bogie removed... 78X-10/11 666505672669

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

2. All lines must be entered 3. If ECF-15 D is fitted in left side B/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=✓	Repaired=✓	Remarks
				left	right	left	right			
1	Pedestal jaw	278	286	278	281	280	278	-	-	-
2	Pedestal side outer	105	101	104	105	104	105	-	-	-
3	Pedestal side inner	105	101	103	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	215	216	215	216	-	-	-
7	side frame friction liner	10	6	09	09	09	09	-	-	W/06/024h
8	pocket liner	5	2	1	2	4	3	0.2ch.	-	W/06/024h
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			57	57	56	57	-	-	-
12	Adopter side	268	262	265	267	267	269	-	-	-
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:	13	14	14	14	Colour code of bolster springs:-
				FINAL:	10	11	10	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:	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/codes 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	130	
				FINAL:	131	131	131	130	
5	Bogie Trammeling			30184.5	OK	1	OK		(A)

## Material consumption:-

1	W/jaw adopter	-	-	14	Side bearer Nut&Bolt	-	-	27	Push rod	-	-
2	Bk. Beam wear plate	W/04	03ch	15	Side bearer seat	-	-	28	BK. Beam bush	-	-
3	Wear plate	-	-	16	Retaining Bolt	-	-	29	Slide block	-	-
4	L/M Pad	W/04	04ch	17	Jaw liner 3 mm	-	-	30	Pin size 28*100 mm	-	-
5	Bk/block	11	04ch	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	-	-
6	10*100 mm S/Pln	11	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 I / Lever	-	-	38			
13	CCSB ASSY	-	-	26	Eqilizing lever	-	-	39			

Jaw adopter  
Signature of JE/SSE

Sign of St. Tech

Tendered in -		M/n/o T-10/1	W/n/o 62250527645	B/n/o 123						
BOGIE NO... 9120/123 FRONT/REAR		PRE-ROH Inspection CHECK LIST OF LCCF-20C BOGIE								
Bolster Make & Built year... TEXMACO 10/09		WAGON CARE CENTRE TUGHAKABAD Ver-02								
Wagon no./M. no. from bogie removed... TX-1011 62250527645		Date 10/9/20								
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										
S. No. of S/ Frame		S/Frame Make	Built (Month/Year)							
Side frame No.-1 SN 00271		TEXMACO	5/11							
Side frame No.-2 SN 2440		"	11/09							
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	281	279	278	-	-	
2	Pedestal side outer	105	101	105	104	105	104	-	-	
3	Pedestal side inner	105	101	104	105	104	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	216	215	216	215	-	-	
7	side frame friction liner	10	6	09	08	09	09	-	W/o fr ch	
8	pocket liner	5	2	4	2	1	3	02 ch.	-	
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			AAA	AAA	AAA	AAA	-	-	
12	Adopter side	268	262	266	265	264	266	-	-	
13	Adopter crown lug	156	164	157	156	157	156	-	-	
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					
17	Side bearer spg. Height	123	119	-	-	-	-	-	-	
Nominal clearances PRE & Final OF BOGIE										
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	14	16	15'	18	Colour code of bolster springs:- A= Green, B=Yellow, C=Gray, D=White, E=Sky blue	
				FINAL:-	11	12	11	13		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	25	26		
				FINAL:-	25	26	25	26		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	5	4	5		
				FINAL:-	4	5	4	5		
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	22	23	22	C/code of provided paired bolster springs: (A)	
				FINAL:-	23	22	23	22		
3	Side bearer clearance	0.5	2	PRE:-	—	—	—	—		
4	CCSB Height under Tare	129.5	132.5	FINAL:-	130	129	130	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/out	02 ch.	15	Side bearer seat	—	—	28	BK. Beam bush	—
3	Wear plate	w/out	02 ch.	16	Retaining Bolt	w/out	02 ch.	29	Slide block	—
4	E/M Pad	w/out	04 ch.	17	Jaw liner 3 mm	—	—	30	Pin size 28*100 mm	—
5	Bk/block	—	c4 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/out 04 ch.
8	Bk. beam	—	—	21	Bolster spg. Outer	—	—	34		
9	S/Bearer spg.	—	—	22	Bolster spg. Inner	—	—	35		
10	Bolster liner	—	—	23	Bolster spg. Snubber	w/out	01 ch.	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

Sign of JE/SSE

Provided in -

M/100  
TR-10/1W/100  
61250518/12O/100  
122

PRE-ROH Inspection CHECK LIST OF LCCP-20C BOGIE  
WAGON CARE CENTRE TUGHILAKABAD  
Bolster Make & Built year: HED 2/06  
Wagon no./M. no. from bogie removed: 7X-1071 61250518448

Ver 02

Date 10/9/20

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

2. All lines must be entered. 3. If E.S.D. is fitted in left side S/F/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	276	281	279	-	-	-
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 root	318	323	319	318	319	318	-	-	-
6	column side	216	206	215	216	215	216	-	-	-
7	side frame friction liner	10	6	9.9	9.8	9.9	9.7	-	-	-
8	pocket liner	5	2	3.5	3	4	3	-	-	-
9	vertical wear of Wedge block	0	7	0.1	0.2	0.1	0.2	-	-	-
10	slope wear of Wedge block	0	3	0.0	0.1	0.1	0.0	-	-	-
11	Adopter make			E9	E9	E9	E9	-	-	-
12	Adopter side	268	262	261	266	265	267	-	-	-
13	Adopter crown lug	156	164	156	159	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. 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:-	10	10	16	15	Colour code of bolster springs	
				FINAL:-	10	13	12	11		
	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:-	5	4	5	4		
				FINAL:-	5	4	5	4		
	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	22	23	22	23		
				FINAL:-	22	23	22	23		
	Side bearer clearance	0.5	2	PRE:-	-	-	-	-		
				FINAL:-	-	-	-	-		
	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		C/cde of provided paired bolster springs	

## 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/104	01 CH.	29	Slide block	-
4	E/M Pad	W/104	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/104 04
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34		
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35		
10	Bolster liner	W/104	01 CH.	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

*Janarkar*  
Signature  
Sign of JE/SSE

## WAGON CARE CENTRE TUGHILAKABAD

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

TAR-10/1

61250 5786431

BLNO  
14

9/20/20

Ver 02  
Date 10/9/20

WAGONS REAR

Bolster Make & Built year..... 51138168 4/04  
Wagon no./M. no. from bogie removed..... TX-10/1 61250 518448

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

2. All lines must be entered

3. R.F.F. = 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	105	104	105	104	-	-	
3	Pedestal side inner	105	101	104	105	104	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	216	215	216	215	-	-	
7	side frame friction liner	10	6	08	09	09	09	-	-	
8	pocket liner	5	2	3	4	3	4	01 Ch.	-	Wtch of
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			EP	EP	EP	EP	-	-	
12	Adopter side	268	262	265	264	266	262	-	-	
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.... 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

	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	15	15	12	13	Colour code of bolster springs:-
				FINAL:-	12	10	11	12	
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	25	26	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:-	4	5	4	5	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	(P)
				FINAL:-	22	23	22	23	
	Side bearer clearance	0.5	2	PRE:-	-	-	-	-	(P)
				FINAL:-	-	-	-	-	
	CCSB Height under Tare	129.5	132.5	PRE:-	130	129	130	130	(P)
				FINAL:-	131	130	131	131	
5	Bogie Trammeling			301844.5	018	1	018		

## Material consumption:-

1	W/Jaw adopter	-	-	14	Side bearer Nut&Bolt	-	-	27	Push rod
2	Bk Beam wear plate	W/04P	03 Ch.	15	Side bearer seat	-	-	28	Bk. Beam bush
3	Wear plate	"	01 Ch.	16	Retaining Bolt	-	-	29	Slide block
4	I/M Pad	W/04P	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 5/Pin	"	04 Ch.	19	C. Pivot Ring	-	-	32	Bolt cotter
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S & F Key & N BOLT
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	Fraction liner	-	-	24	Push rod safety	-	-	37	
12	W/Block	-	-	25	γ Type F / Lever	-	-	38	
13	CCSB ASSY	-	-	26	Equalizing lever	-	-	39	

Sign of Sr. Tech

Signature  
Sign of JE/SSE