

WAGON CARE CENTRE TUGHLAKABAD

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

Ver-02

BOGIE NO. <u>20-139</u>	Bolster Make & Built year <u>TITA - 07-10</u>	Date <u>7-9-2020</u>
FRONT/REAR <u>✓</u>	Wagon no./M. no. from bogie removed <u>61291101678 - BLUA</u>	Module No. <u>TWHT-10/3</u>

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.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	281	277.5	280	281	③
2	Pedestal side outer	105	101	105	105	105	105	
3	Pedestal side inner	105	101	105	105	105	105	
4	Pedestal crown side	152	144	152	151	148	150	
5	Pedestal crown roof	318	323	318	318	318	316	
6	column side	216	206	214	216	214	216	
7	side frame friction liner	10	6	9	8	8	8	
8	pocket liner	5	2	4	4	4	4	
9	vertical wear of Wedge block	0	7	1	1	1	1	
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	0.5	
11	Adopter make			ARR	ARR	ARR	ARR	
12	Adopter side	268	262	265	266	262	265	①
13	Adopter crown lug	156	164	157	158	156		
14	Centre pivot bottom liner vertical	38	40	Pre 38.5	Final 38.5			
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	122	122	122	122	

Nominal clearances PRE & Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	16	11	18	16	Colour code of bolster springs
				FINAL:-	11	10	14	10	
	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:-	25	25	25	25	
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	4	4	4	4	
				FINAL:-	4	4	4	4	
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	25	24	23	23	C/code of provided paired bolster springs
				FINAL:-	25	24	23	23	
3	Side bearer clearance	0.5	2	PRE:-	2	-	2	-	(A)
				FINAL:-	2	-	2	-	
4	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-	
				FINAL:-	-	-	-	-	
5	Bogie Trammeling		3018±4.5		OK	/	OK		

Material consumption:-

1	W/Jaw adopter	1	CH	14	Side bearer Nut & Bolt	-	-	27	Push rod	1	1
2	Bk. Beam wear plate	-	-	15	Side bearer seat	-	-	28	BK. Beam bush	1	1
3	Wear plate	-	-	16	Retaining Bolt	-	-	29	Slide block	1	1
4	E/M Pad	4	CH	17	Jaw liner 3 mm	3	R	30	Pin size 28*100 mm	2	CH
5	Bk/block	4	CH	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	2	CH
6	10*100 mm S/Pin	4	CH	19	C. Pivot Ring	-	-	32	bulb cotter	4	CH
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	4	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	Equilizing lever	-	-	39			

Sign of JE/SSE

Sign of Sr. Tech

WAGON CARE CENTRE TUGHLAKABAD

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

Ver-02

BOGIE NO. 96-138 Bolster Make & Built year TITA-08-10 Date 7-9-2020
 FRONT/REAR ✓ Wagon no./M.no. from bogie removed 6229102504-BLCB module No-TWHT-10/3

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.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	277.5	277.5	277.5			
2	Pedestal side outer	105	101	105	105	105	105			
3	Pedestal side inner	105	101	105	105	105	105			
4	Pedestal crown side	152	144	150	152	150	150			
5	Pedestal crown roof	318	323	318	320	318	318			
6	column side	216	206	215	215	214	216			
7	side frame friction liner	10	6	9	9	8	8			
8	pocket liner	5	2	4	4	4	4			
9	vertical wear of Wedge block	0	7	1	1	1	1			
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	0.5			
11	Adopter make			EA	EA	EA	EA			
12	Adopter side	268	262	266	262	266	267			①
13	Adopter crown lug	156	164	156	156	157	156			
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	121	121	121	121			

Nominal clearances PRE & Final OF BOGIE

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

Material consumption:-

1	W/Jaw adopter	1	ch	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	-	-	29	Slide block	-	-
4	E/M Pad	15	ch	17	Jaw liner 3 mm	-	-	30	Pin size 28*100 mm	-	ch
5	Bk/block	5	ch	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	2	ch
6	10*100 mm S/Pin	5	ch	19	C.Pivot Ring	-	-	32	bulb cotter	4/4	ch
7	Bk/block key	-	-	20	C.Pivot bottom liner	-	-	33	S/F Key & N/BOLT	-	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 Sr. Tech

Sign of JE/SST

WAGON CARE CENTRE TUGHLAKABAD

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

Ver-02

BOGIE NO. 9/20-140 Bolster Make & Built year TITA-12-06 Date 7-9-2020
 FRONT/REAR ✓ Wagon no./M. no. from bogie removed 61291101678-BLCA module No-TWHT-10/3

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.N.	Description of Checks	New size	Condemn size	S/Frame NO.-1 left	S/Frame NO.-1 Right	S/Frame NO.-2 left	S/Frame NO.-2 Right	Changed=C	Repaired=R	Remarks
Side frame No.-1		<u>4331</u>		<u>TITA</u>	<u>12-06</u>					
Side frame No.-2		<u>4432</u>		<u>TITA</u>	<u>01-07</u>					
1	Pedestal Jaw	278	286	<u>279</u>	<u>277.5</u>	<u>277.5</u>	<u>277.5</u>			
2	Pedestal side outer	105	101	<u>104</u>	<u>105</u>	<u>104</u>	<u>105</u>			
3	Pedestal side inner	105	101	<u>103</u>	<u>105</u>	<u>103</u>	<u>104</u>			
4	Pedestal crown side	152	144	<u>148</u>	<u>149</u>	<u>148</u>	<u>147</u>			
5	Pedestal crown roof	318	323	<u>318</u>	<u>318</u>	<u>318</u>	<u>318</u>			
6	column side	216	206	<u>216</u>	<u>214</u>	<u>216</u>	<u>216</u>			
7	side frame friction liner	10	6	<u>8</u>	<u>8</u>	<u>8</u>	<u>9</u>			
8	pocket liner	5	2	<u>2</u>	<u>2</u>	<u>1</u>	<u>2</u>			(2)
9	vertical wear of Wedge block	0	7	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>			
10	slope wear of Wedge block	0	3	<u>0.5</u>	<u>0.5</u>	<u>0.5</u>	<u>0.5</u>			
11	Adopter make			<u>EA</u>	<u>EA</u>	<u>EA</u>	<u>EA</u>			(2)
12	Adopter side	268	262	<u>267</u>	<u>266</u>	<u>267</u>	<u>263</u>			
13	Adopter crown lug	156	164	<u>157</u>	<u>157</u>	<u>159</u>	<u>159</u>			
14	Centre pivot bottom liner vertical	38	40	Pre <u>39</u>	Final <u>39</u>					
15	Centre pivot Ring liner wear	365	369	Pre <u>367</u>	Final <u>367</u>					
16	Bolster spg. Colour code	A,B,C,D,E,F		<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>			
17	Side bearer spg. Height	123	119	<u>122</u>	<u>122</u>	<u>122</u>	<u>122</u>			

Nominal clearances PRE & Final OF BOGIE

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

Material consumption:-

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

Sign of JE/SE

Sign of S. Tech

WAGON CARE CENTRE TUGHLAKABAD

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

Ver-02

BOGIE NO. 9/20-136

Bolster Make& Built year. HDC 07-99

Date 7-9-2020

FRONT/REAR

Wagon no./M.no from bogie removed. 62291102511-BLCB

module No. TWHT-10/3

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.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	
Side frameNo.-1		2651	HDC	07-99				
Side frameNo.-2		3195	HDC	10-99				
1	Pedestal Jaw	278	286	281	277.5	272.5	281	
2	Pedestal side outer	105	101	105	106	104	108	
3	Pedestal side inner	105	101	105	105	108	105	
4	Pedestal crown side	152	144	150	151	150	150	
5	Pedestal crown roof	318	323	318	318	318	318	
6	column side	216	206	216	214	214	216	
7	side frame friction liner	10	6	9	8	8	9	
8	pocket liner	5	2	2	2	1	1	
9	vertical wear of Wedge block	0	7	1	1	1	1	
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	0.5	
11	Adopter make			AAR	AAR	AAR	AAR	
12	Adopter side	268	262	262	260	262	262	
13	Adopter crown lug	156	164	157	157	156	156	
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	A	A	
17	Side bearer spg. Height	123	119	121	121	121	121	
Nominal clearances PRE & Final OF BOGIE				Colour code of bolster springs:-				
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	19	19	16	19
				FINAL:-	10	11	10	10
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	26	26	26
				FINAL:-	25	26	26	26
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	5	4	4
				FINAL:-	5	5	4	4
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	23	25	26
				FINAL:-	23	23	25	26
3	Side bearer clearance	0.5	2	PRE:-	2	-	2	-
				FINAL:-	2	-	2	-
4	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-
				FINAL:-	-	-	-	-
5	Bogie Trammeling	3018±4.5		OK	OK	OK	OK	
Material consumption:-				C/code of provided paired bolster springs:-				
1	W/jaw adopter	4	ch	14	Side bearer Nut&Bolt	-	-	
2	Bk. Beam wear plate	1	ch	15	Side bearer seat	-	-	
3	Wear plate	1	ch	16	Retaining Bolt	-	-	
4	E/M Pad	1	ch	17	Jaw liner 3 mm	2	R	
5	Bk/block	1	ch	18	Jaw liner 4 mm	-	-	
6	10*100 mm S/Pin	1	ch	19	C.Pivot Ring	-	-	
7	Bk/block key	1	ch	20	C.Pivot bottem liner	-	-	
8	Bk.beam	1	ch	21	Bolster spg. Outer	-	-	
9	S/Bearer spg.	1	ch	22	Bolster spg. Inner	-	-	
10	Bolster liner	1	ch	23	Bolster spg. Snubber	-	-	
11	Friction liner	1	ch	24	Push rod safety	-	-	
12	W/Block	1	ch	25	y-Type F/ Lever	-	-	
13	CCSB ASSY	1	ch	26	Eqilizing lever	-	-	
				27	Push rod	-	-	
				28	BK. Beam bush	-	-	
				29	Slide block	-	-	
				30	Pin size 28*100 mm	-	-	
				31	Pin size 40*118 mm	2	ch	
				32	bulb cotter	2	ch	
				33	S/F Key&N/BOLT	4/4	ch	
				34				
				35				
				36				
				37				
				38				
				39				

Sign of JE/SS

Sign of Sr. Tech

WAGON CARE CENTRE TUGHLAKABAD

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

Ver-02

BOGIE NO. 9/20-135 Bolster Make & Built year TITA-08-10 Date 7-9-2020
 FRONT/REAR ✓ Wagon no./M. no. from bogie removed 62291102511-BLCP module No-TWHT-10/3

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.	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	277.5	280	277.5	278			
2	Pedestal side outer	105	101	105	104	105	105			
3	Pedestal side inner	105	101	105	105	105	105			
4	Pedestal crown side	152	144	148	151	149	150			
5	Pedestal crown roof	318	323	318	316	318	318			
6	column side	216	206	216	216	214	214			
7	side frame friction liner	10	6	9	8	8	8			
8	pocket liner	5	2	2	4	4	2	(2)		
9	vertical wear of Wedge block	0	7	1	1	2	1			
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	0.5			
11	Adopter make			AAR	AAR	AAR	AAR			
12	Adopter side	268	262	264	263	267	263			
13	Adopter crown lug	156	164	159	157	157	157			
14	Centre pivot bottom liner vertical	38	40	Pre 38.5 Final 38.5						
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	121	121	121	121			

Nominal clearances PRE & Final OF BOGIE

Nominal clearances PRE & FINAL OF BOLSTER SPRINGS									
1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	13	17	11	15	Colour code of bolster springs:- A= Green,B=Yellow,C=Gray,D=White,L=Sky blue
				FINAL:-	10	10	10	10	
	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:-	5	5	4	4	
				FINAL:-	5	5	4	4	
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	22	22	24	23	
				FINAL:-	22	22	24	23	
3	Side bearer clearance	0.5	2	PRE:-	2	-	2	-	
				FINAL:-	2	-	2	-	
4	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-	
				FINAL:-	-	-	-	-	
5	Bogie Trammeling		3018±4.5		OK		OK		(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	2	ch	16	Retaining Bolt	-	-	29	Slide block	-	-
4	E/M Pad	4	ch	17	Jaw liner 3 mm	1	R	30	Pin size 28*100 mm	-	-
5	Bk/block	4	ch	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	2	ch
6	10*100 mm S/Pin	4	ch	19	C. Pivot Ring	-	-	32	bulb cotter	2	ch
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	4/4	ch
8	Bk. beam	-	-	21	Bolster spg. Outer	-	-	34			
9	S/Bearer spg.	-	-	22	Bolster spg. Inner	-	-	35			
10	Bolster liner	1	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 JE/SSP

Sign of Sr. Tech

WAGON CARE CENTRE TUGHLAKABAD

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

Ver-02

BOGIE NO. 9/20-137 Bolster Make & Built year TITA-08-10 Date 07-09-2020
 FRONT/REAR ✓ Wagon no./M no. from bogie removed 62291102504-BLCB Module No. TWHT-10/3

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		9476	TITA	07-10									
Side frame No.-2		9722	TITA	08-10									
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	282	281	281	282			(4)			
2	Pedestal side outer	105	101	105	105	105	105						
3	Pedestal side inner	105	101	105	105	105	105						
4	Pedestal crown side	152	144	150	152	151	150						
5	Pedestal crown roof	318	323	318	318	318	318						
6	column side	216	206	214	216	216	216						
7	side frame friction liner	10	6	8	8	8	8						
8	pocket liner	5	2	4	2	4	2	(2)					
9	vertical wear of Wedge block	0	7	1	2	1	1						
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	1						
11	Adopter make			AAAR	AAAR	AAAR	AAAR	(4)					
12	Adopter side	268	262	260	263	263	260						
13	Adopter crown lug	156	164	157	156	156	157						
14	Centre pivot bottom liner vertical	38	40	Pre 38.5 Final 38.5									
15	Centre pivot Ring liner wear	365	369	Pre 367 Final 367									
16	Bolster spg. Colour code	A,B,C,D,E,F		A									
17	Side bearer spg. Height	123	119	122	122	122	122						
Nominal clearances PRE & Final OF BOGIE				PRE:-	22	18	16	22	Colour code of bolster springs:-				
1	Longitudinal clearance in between Adopter & S/Frame	10	15	FINAL:-	11	11	13	11	A= Green,B=Yellow,C=Gray,D=White,E=Sky blue				
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	25	25	25					
				FINAL:-	25	25	25	25					
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	5	4	4					
				FINAL:-	5	5	4	4	C/code of provided paired bolster springs:- (A)				
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	22	22	24	23					
				FINAL:-	22	22	24	23					
3	Side bearer clearance	0.5	2	PRE:-	2	-	2	-					
				FINAL:-	2	-	2	-					
				PRE:-	-	-	-	-					
				FINAL:-	-	-	-	-					
4	CCSB Height under Tare	129.5	132.5	FINAL:-	-	-	-	-					
5	Bogie Trammeling	3018±4.5		OK / OK									
Material consumption:-													
1	W/Jaw adopter	4	ch	14	Side bearer Nut & Bolt	-	-	27	Push rod	-	-		
2	Bk. Beam wear plate	1	ch	15	Side bearer seat	-	-	28	BK. Beam bush	-	-		
3	Wear plate	2	ch	16	Retaining Bolt	-	-	29	Slide block	-	-		
4	E/M Pad	4	ch	17	Jaw liner 3 mm	-	-	30	Pin size 28*100 mm	-	-		
5	Bk/block	4	ch	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	2	ch		
6	10*100 mm S/Pin	4	ch	19	C.Pivot Ring	-	-	32	bulb cotter	2	ch		
7	Bk/block key	-	-	20	C.Pivot bottom liner	-	-	33	S/F Key & N/BOLT	4/4	ch		
8	Bk.beam	-	-	21	Bolster spg. Outer	-	-	34					
9	S/Bearer spg.	1	ch	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

WAGON CARE CENTRE TUGHLAKABAD

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

Ver-02

BOGIE NO. 9/133Bolster Make & Built year TITA-07-10Date 7-9-2020FRONT/REAR ✓Wagon no./M. no. from bogie removed 62291102528-BLCBModule No. TwHT-10/3

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.	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	277.5	281	281	278			
2	Pedestal side outer	105	101	105	105	105	105			
3	Pedestal side inner	105	101	105	105	105	105			
4	Pedestal crown side	152	144	150	151	151	150			
5	Pedestal crown roof	318	323	318	318	318	318			
6	column side	216	206	216	216	216	216			
7	side frame friction liner	10	6	9	8	8	9			
8	pocket liner	5	2	4	2	2	4			
9	vertical wear of Wedge block	0	7	1	1	1	1			
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	0.5			
11	Adopter make			AAA	AAAR	AAAR	AAAR			
12	Adopter side	268	262	267	264	264	266			
13	Adopter crown lug	156	164	157	156	157	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	122	122	122	122			

Nominal clearances PRE & Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	10	17	17	12	Colour code of bolster springs: A= Green, B=Yellow, C=Gray, D=White, E= Sky blue	
				FINAL:-	10	11	12	10		
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	25	25	25		
				FINAL:-	25	25	25	25		
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	4	5	5	C/code of provided paired bolster springs: (A)	
				FINAL:-	5	4	5	5		
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	24	24	26	25		
				FINAL:-	24	24	26	25		
3	Side bearer clearance	0.5	2	PRE:-	2	-	2	-	(A)	
				FINAL:-	2	-	2	-		
4	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-		
				FINAL:-	-	-	-	-		
5	Bogie Trammeling		3018±4.5	OK	/	OK				

Material consumption:-

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

Sign of IE/SRE

Sign of Sr. Tech

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

Ver-02

BOGIE NO 9/20-134

Bolster Make & Built year TITA-07-10

Date 7-9-2020

FRONT/REAR ✓

Wagon no./M. no. from bogie removed 62291102528-BLCB

Module No - TW HT-10/3

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.	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	281	282	281	281			
2	Pedestal side outer	105	101	105	105	105	105			
3	Pedestal side inner	105	101	105	105	104	104			
4	Pedestal crown side	152	144	152	152	149	147			
5	Pedestal crown roof	318	323	318	318	318	318			
6	column side	216	206	214	216	216	214			
7	side frame friction liner	10	6	9	9	8	8			
8	pocket liner	5	2	2	1	1	2			
9	vertical wear of Wedge block	0	7	1	2	1	1			
10	slope wear of Wedge block	0	3	0.5	0.5	0.5	0.5			
11	Adopter make			EA	EA	EA	EA			
12	Adopter side	268	262	261	259	265	264			
13	Adopter crown lug	156	164	158	157	156	157			
14	Centre pivot bottom liner vertical	38	40	Pre 38.5 Final 38.5						
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	121	121	121	121			

Nominal clearances PRE & Final OF BOGIE

1	Longitudinal clearance in between Adopter & S/Frame	10	15	PRE:-	20	23	16	17	Colour code of bolster springs:
				FINAL:-	12	11	13	10	A= Green,B=Yellow,C=Gray,D=White,E=Sky blue
	Lateral clearance in between Adopter & S/Frame	25	28	PRE:-	25	25	25	25	
				FINAL:-	25	25	25	25	
	Longitudinal clearance in between bolster & S/Frame	4	7	PRE:-	5	4	5	5	
				FINAL:-	5	4	5	5	C/code of provided paired bolster springs
2	Lateral clearance in between bolster & S/Frame	22	28	PRE:-	23	24	25	22	
				FINAL:-	23	24	25	22	
3	Side bearer clearance	0.5	2	PRE:-	2	-	3	-	
				FINAL:-	2	-	1	-	(A)
4	CCSB Height under Tare	129.5	132.5	PRE:-	-	-	-	-	
				FINAL:-	-	-	-	-	
5	Bogie Trammeling	3018±4.5		OK		/		OK	

Material consumption:-

1	W/Jaw adopter	2	CA	14	Side bearer Nut&Bolt	-	-	27	Push rod	-	-
2	Bk. Beam wear plate	1	CH	15	Side bearer seat	-	-	28	BK. Beam bush	-	-
3	Wear plate	4	CH	16	Retaining Bolt	-	-	29	Slide block	-	-
4	E/M Pad	4	CH	17	Jaw liner 3 mm	4	R	30	Pin size 28*100 mm	-	-
5	Bk/block	4	CH	18	Jaw liner 4 mm	-	-	31	Pin size 40*118 mm	2	CH
6	10*100 mm S/Pin	4	CH	19	C. Pivot Ring	-	-	32	bulb cotter	2	CH
7	Bk/block key	-	-	20	C. Pivot bottom liner	-	-	33	S/F Key & N/BOLT	4/4	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	Equilizing lever	-	-	39			

Sign of C/SBT

Sign of Sr. Tech