

भारत सरकार GOVERNMENT OF INDIA
रेल मंत्रालय MINISTRY OF RAILWAYS
(रेलवे बोर्ड RAILWAY BOARD)

No. 2015 /M(C)/137/1 Vol (ii)

New Delhi, dated : 20.12.2018

**Principal Chief Mechanical Engineer
All Zonal Railways**

**Sub: Provision of certain passenger interface items during
coach maintenance.**

Following drawings are enclosed along with this letter for ready
reference:-

1. a) LS 63117 Alt NIL of RCF (Euro Bowl Assembly)
b) LS 63118 Alt NIL of RCF (Seat)
c) LS 63120 Alt NIL of RCF (Sea Cover).
2. WR C/SK - 515/H of WR (Modified wash basin for coaching stock)
3. ICF/SK 3-6-4-050 (Ladder for Sleeper Coaches) - Col. III

As can be seen, the drawings are for three major passenger interface areas of coach viz Toilet seat, SS Wash Basin and SS Climbing ladder for upper seats. These drawings have already been implemented over Western Railway with good overall impact on coach ambience. It is requested that all Zonal Railways may implement these modifications on coaches that would be taken up under Refurbishment and Project Utkrisht. Further, it may also be ensured that interior colour scheme is kept light and soothing on Project Utkrisht rakes.

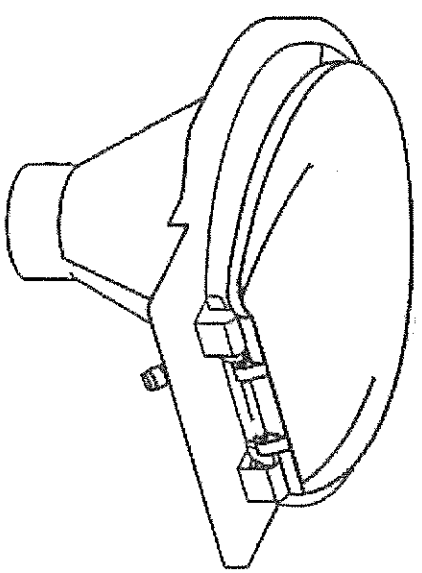
This issues with the approval of AM(ME).

(Signature)
20-12-18

(Navaid Talib)
Dir. Mech. Engg. (Chg.)
Railway Board

DA: Drawings etc. as received from WR is enclosed (sent by email)

1	2	3	4	5	6	7	8	9	10	11	12
---	---	---	---	---	---	---	---	---	----	----	----

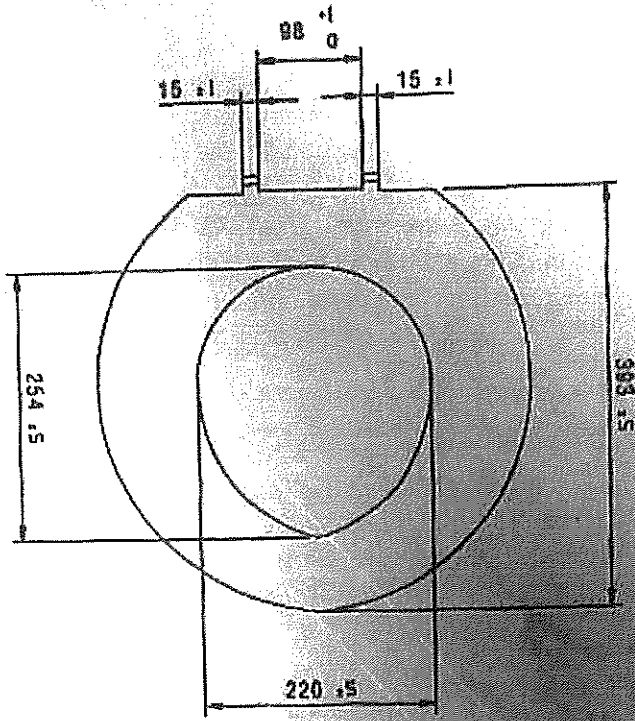


THIS DOCUMENT IS THE SOLE PROPERTY OF THE CHINA FACTORY, CORPORATION.
THIS DOCUMENT SHALL NOT BE REPRODUCED, IN WHOLE OR IN PART, WITHOUT THE WRITTEN
CONSENT OF THE CHINA FACTORY, CORPORATION. THIS DOCUMENT IS NOT TO BE
REPRODUCED, IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF
THE CHINA FACTORY, CORPORATION.

1. SUPPLIER MAY SET A SAMPLE, APPROVED BY CDE/ACS BEFORE BULK SUPPLY.
2. SUPPLIER'S NAME & DATE OF MANUFACTURING TO BE INDICATED ON THE BODY ON THE BACKSIDE.
3. HOLES AT SUITABLE LOCATIONS TO BE PROVIDED IN WATER JACKET FOR PROPER FLUSHING.
4. ALL THE WELDED JOINTS ARE TO BE SEALED WITH APPROVED SEALING COMPOUND.
5. ASSEMBLY SHALL HAVE MINOR FINISH NO.-9 OF IS 5911-92, 192-9.
6. REQUIRED FASTENERS SHALL BE USED FOR ASSEMBLY OF SEAT AND SEAT COVER.

3	EURO BOWL ASSEMBLY	01	US8311B	NIL		N/L	
2	SEAT COVER	01	US8312D	NIL		N/L	
1	SEAT	01	US8311B	NIL		N/L	
	DESCRIPTION & DIMENSIONS		QUANTITY	UNIT PRICE	DATE	QTY.	REMARKS
	LAVATORY & ITS FITTINGS						
	FILE Z:\US8311a.PRI (30)						
B.O.NO	08						
S.A.S.S.							
NIL	M						
CHECKED / S.S.							
NIL	M						
DRAWN BY - 10-10-96							

EURO BOWL ASSEMBLY COMPLETE						
BASE COLOUR FACTORY, KANPUR, U.P.						
SCALE	MM/MET					
1:5	END					
	DOC					
	IMP.D.					
	NOTES					



REV	DATE	BY	CHK	DESCRIPTION	APPROVAL
1	24/01/2015	B-2		1. DIMENSION 2841.00 WAS 25. 2. DIMENSION 39315.00 WAS 391.5. 3. DIMENSION 22015.00 WAS 223. 4. DIMENSION 98 WAS 97. 5. SEAT'S WEIGHT WAS 1.810 KG.	DIC MD14005

NOTE:
1. IS-2548 PART-11-1995 SHOULD BE REFERRED FOR MATERIAL, SIZES & REQUIRED DIMENSIONS WHICH ARE NOT COVERED IN THIS DRAWING.
2. COLOR CODE GREY.

27 FEB 2015
Date Recd
Signature
Entered
Date

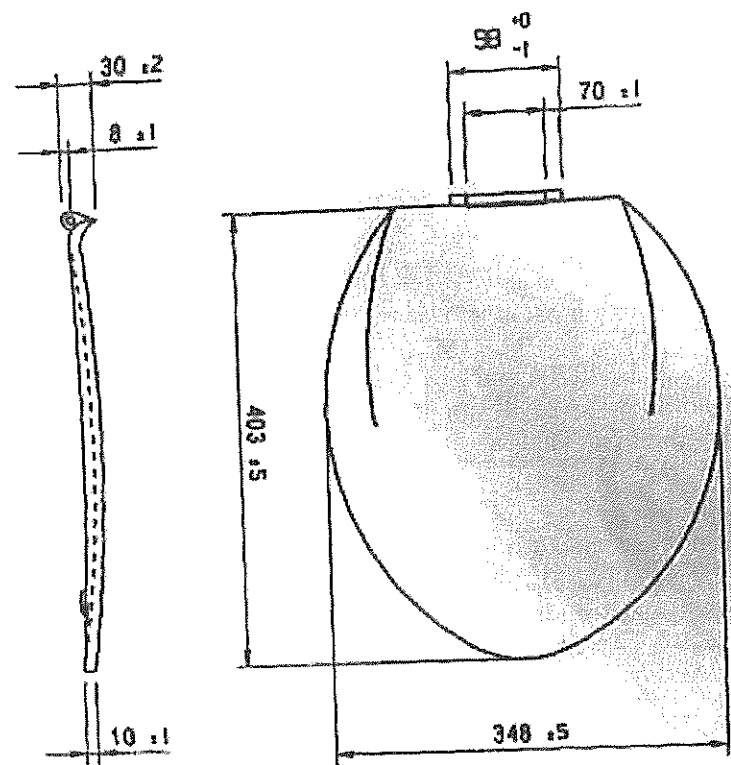
ITEM NO.	DESCRIPTION & DIMENSIONS	UNIT	QTY	REMARKS
1	SEAT	NIL	NIL	
2	SEAT	NIL	NIL	
3	SEAT	NIL	NIL	
4	SEAT	NIL	NIL	
5	SEAT	NIL	NIL	
6	SEAT	NIL	NIL	
7	SEAT	NIL	NIL	
8	SEAT	NIL	NIL	
9	SEAT	NIL	NIL	
10	SEAT	NIL	NIL	
11	SEAT	NIL	NIL	
12	SEAT	NIL	NIL	
13	SEAT	NIL	NIL	

DETAIL ORG STARTING WITH "LT" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE.
THIS IS A COMPUTER GENERATED DRAWING. ANY MANUAL ALTERATION SHALL AUTOMATICALLY RENDER IT INVALID.
UNTOLERANCED DIMENSIONS REFER H000000 DATE OF FIRST ISSUE 02/02/2015 COM BY

5/10/2015 1 (6)

Sl. No.	Part Name	Quantity	Remarks
1	SEAT COVER	1	1. DIMENSION 403:5 WAS 410. 2. DIMENSION 348:5 WAS 346. 3. DIMENSION 98 WAS 98. 4. SEAT COVER'S WEIGHT WAS 1.190 KG.

NOTE:
1. IS-2548(PART1)-1996 SHOULD BE REFERRED FOR MATERIAL, SHAPES & REQUIRED DIMENSIONS WHICH ARE NOT COVERED IN DRAWINGS.
2. COLOUR DOVE GREY.

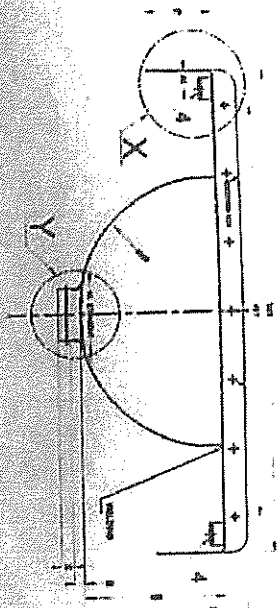


27 FEB 2015

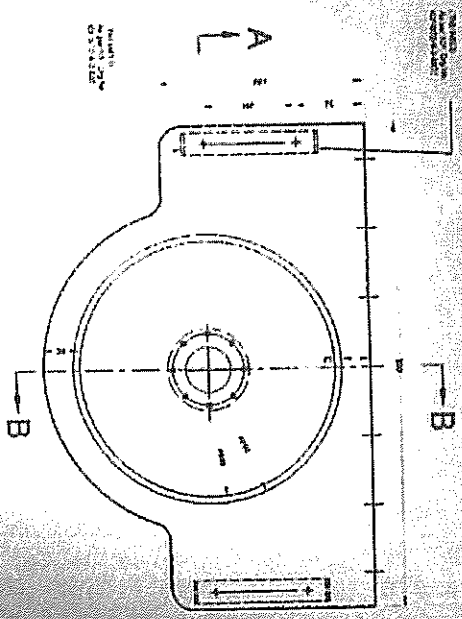
Sl. No.	Part Name	Quantity	Remarks
1	SEAT COVER	1	1. DIMENSION 403:5 WAS 410. 2. DIMENSION 348:5 WAS 346. 3. DIMENSION 98 WAS 98. 4. SEAT COVER'S WEIGHT WAS 1.190 KG.

THIS DRAWING IS THE SOLE PROPERTY OF THE COMPANY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE COMPANY.

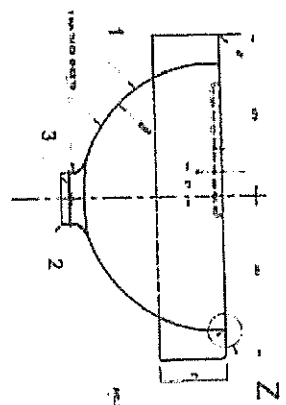
DETAIL DROS STARTING WITH "L" ARE INTERNAL REFERENCE LISTS ONLY AND ARE NOT FOR ISSUE.



SECTION-AA



SECTION-BB



DETAIL AT -X

DETAIL AT -Z

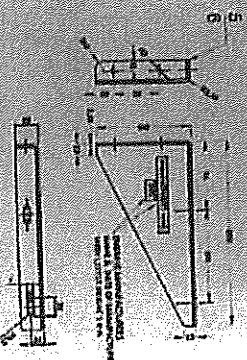


DETAIL AT -Y

(As per ICF, Dwg No. ICFSTD-6-3-020)

- NOTE
1. THIS Dwg. IS PREPARED AS PER SAMPLE, FITTINGS AND OTHER DETAILS AS PER ICF Dwg No. ICFSTD-6-3-020, AS SHOWN.
 2. OPEN TOLERANCE TO DIM. NO. ICFSTD-6-3-020 SHALL GENERALLY BE FOLLOWED, UNLESS A TOLERANCE IS NOT MENTIONED FOR DIMENSIONS.
 3. ALL SHARP EDGES SHALL BE ROUNDED OFF.
 4. MATERIAL WITH CHEMICAL COMPOSITION TO SPEC. ASS-202 IS ACCEPTABLE.
 5. INSIDE & OUT SIDE OF WASH BASIN ASSEMBLY SHALL BE PROTECT FINISHED.

ITEM-5 AS DRAWN
ITEM-6 OPPOSITE



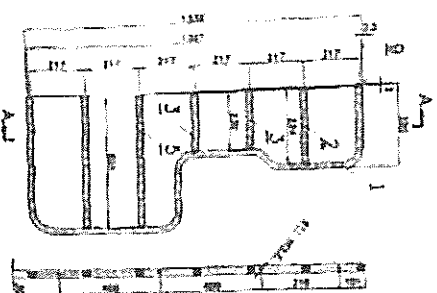
APPROVED BY	DESIGNED BY	PROPOSED BY	PREPARED BY
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
CME	Offe (bng)	Offe (bng)	SS/DRG

ITEM	DESCRIPTION	QTY	MAT. & SPEC.
1	BRACKET LK 115X115X115	1	ASS-202
2	BRACKET R.H. 115X115X115	1	ASS-202
3	BRACKET L.H. 115X115X115	1	ASS-202
4	BRACKET 115X115X115	1	ASS-202
5	CROSS WIRE	2	5/8" DIA. 1/4" THICK
6	THROAT	1	ASS-202
7	BOOTH	1	ASS-202
8	WASH BASIN	1	ASS-202

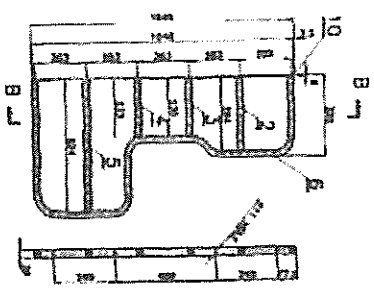
W.R. C/SK-515/H

MODIFIED
WASH BASIN
FOR
COACHING
STOCK

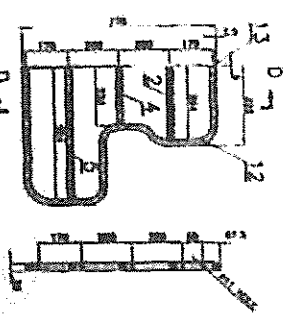
(2)
5/15/63



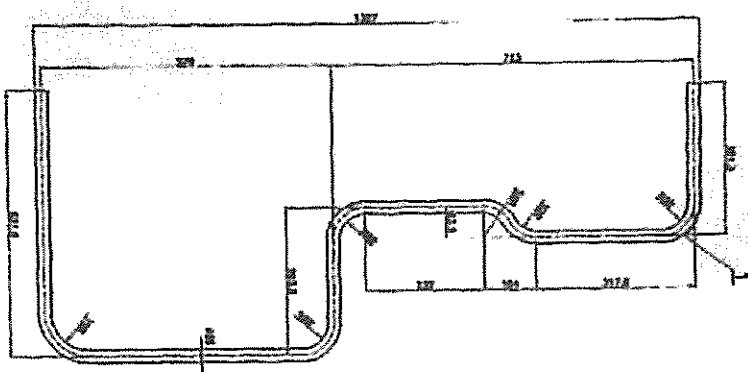
COL-I SECTION-AA



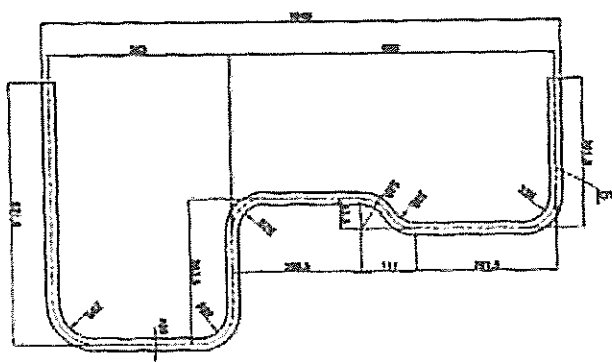
COL-II SECTION-BB



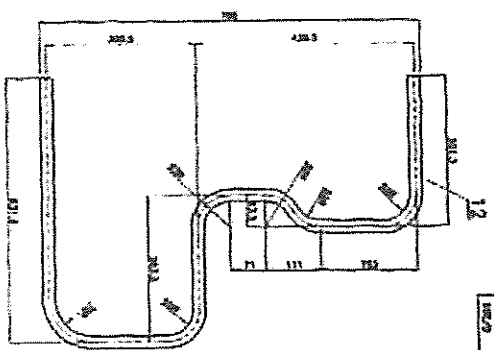
COL-IV SECTION-DD



COL-I



COL-II



COL-IV

NOTE:-

1. STAIRS DOOR PREPARATION FOR REV-12.4.88 TO MATCH WITH REV-1A.17 & 7 RESPECTIVELY

NO. OF BAYS	SECTION	NO. OF BAYS	SECTION
1	COL-I	1	COL-II
2	COL-III	2	COL-IV
3	COL-V	3	COL-VI
4	COL-VII	4	COL-VIII
5	COL-IX	5	COL-X
6	COL-XI	6	COL-XII
7	COL-XIII	7	COL-XIV
8	COL-XV	8	COL-XVI
9	COL-XVII	9	COL-XVIII
10	COL-XIX	10	COL-XX

NO. OF BAYS	SECTION	NO. OF BAYS	SECTION
1	COL-I	1	COL-II
2	COL-III	2	COL-IV
3	COL-V	3	COL-VI
4	COL-VII	4	COL-VIII
5	COL-IX	5	COL-X
6	COL-XI	6	COL-XII
7	COL-XIII	7	COL-XIV
8	COL-XV	8	COL-XVI
9	COL-XVII	9	COL-XVIII
10	COL-XIX	10	COL-XX

LADDER FOR SLEEPER COACHES

ICF/SKJ-6-4-050

540 24/11/14