

RAIL COACH FACTORY RAEBARELI





OVERVIEW

- *ESTIMATED COST* : 2556 Cr
- *PLANNED CAPACITY* : 1000 COACHES
- *LAND*
 - *FACTORY* : 167 Ha
 - *TOWNSHIP* : 354 Ha
 - *RAIL CONNECTIVITY* : 20 Ha
 - TOTAL LAND* : 541 Ha**



LOCATION

- RAEBARELI DISTRICT
- 4 km FROM LALGANJ
- 90 Km FROM LUCKNOW
- 110 Km FROM KANPUR



SHOPS OVER VIEW





THE FACTORY

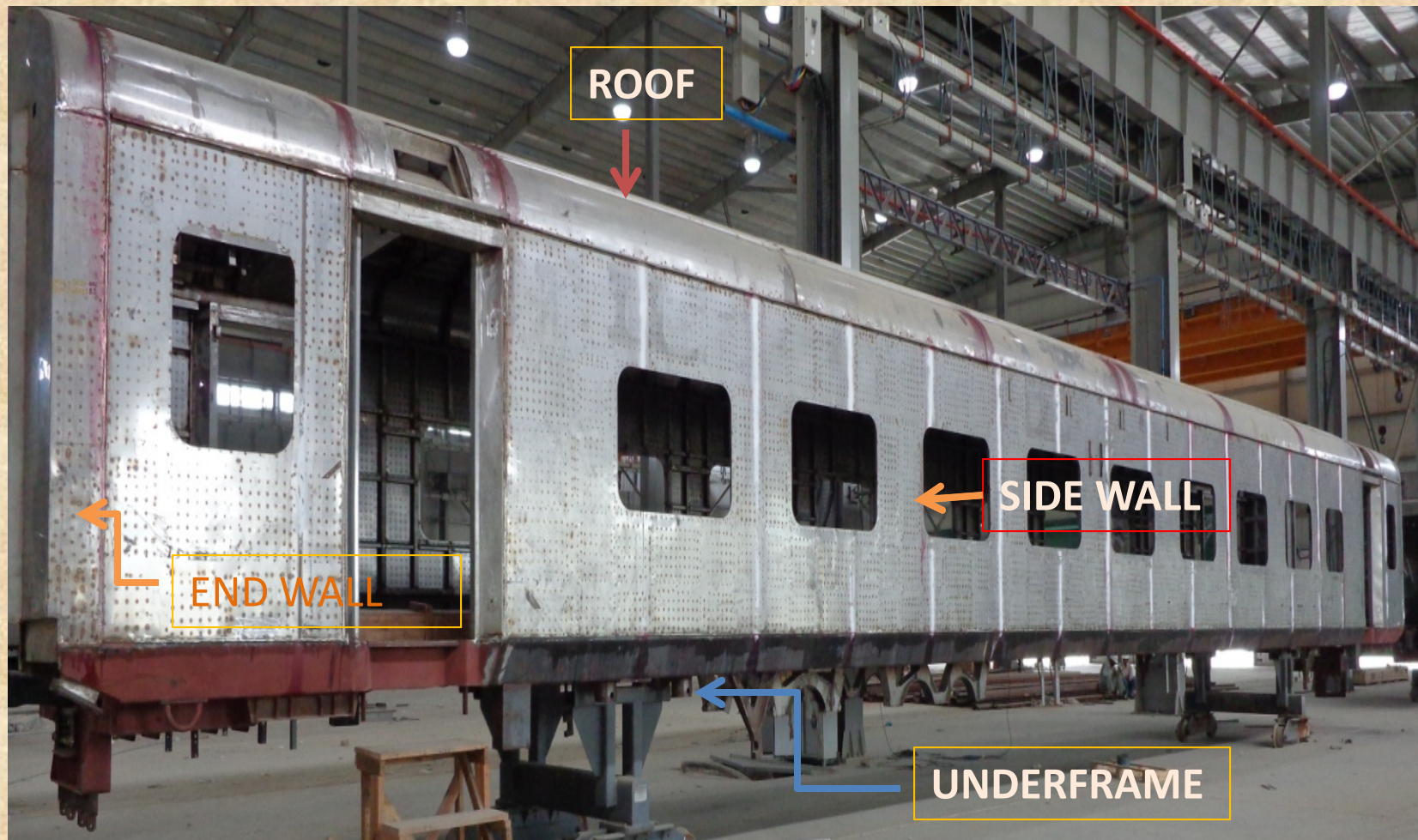




Furnishing Shop

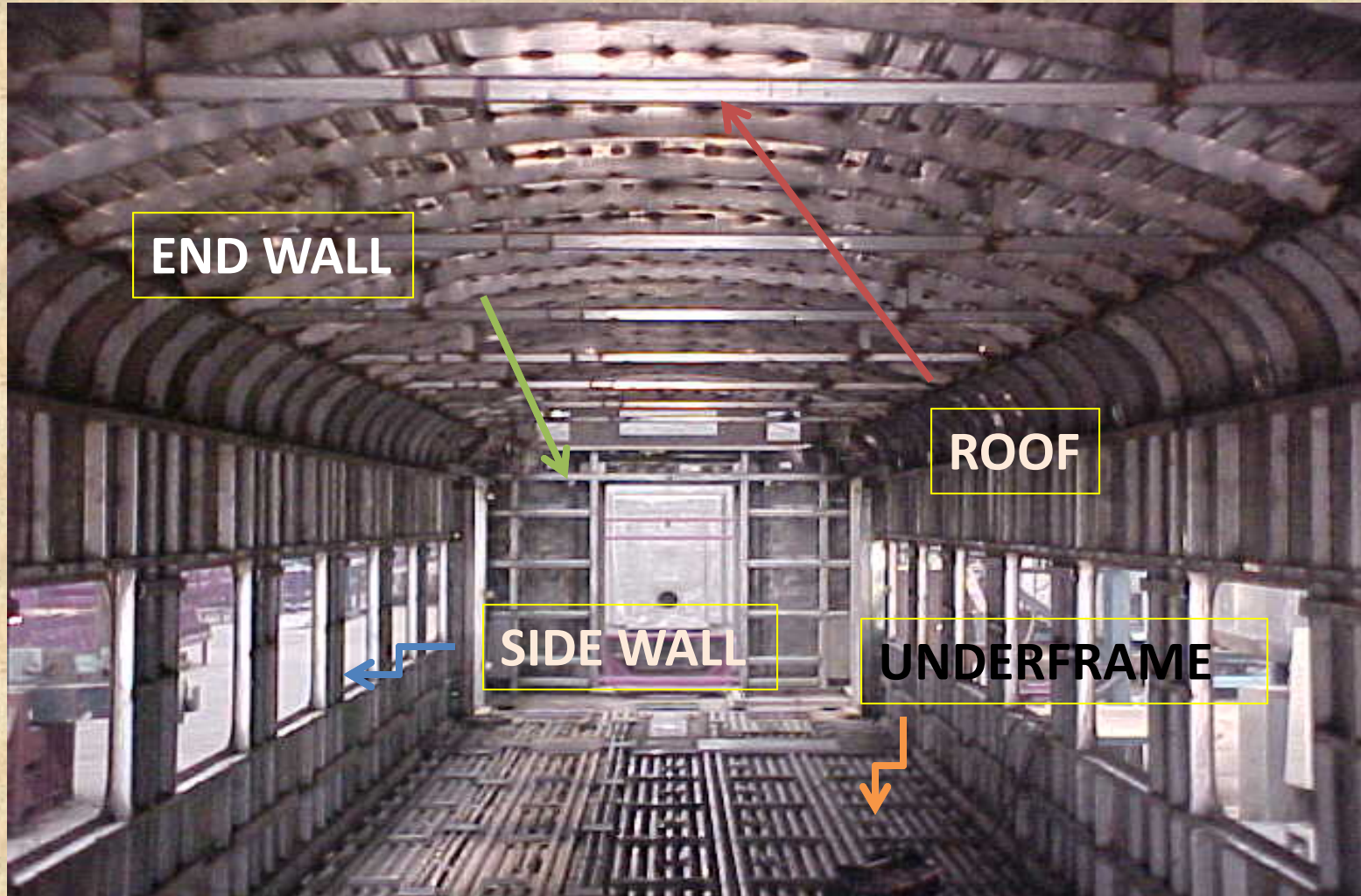


SHELL EXTERIOR





SHELL INTERIOR VIEW





UNDERFRAME





TYPE OF STEEL USED

STEEL	SPECIFICATION	SIZE	ITEM
Ferritic Stainless Steel	DIN59382, C2Cr11 RDSO/SPEC. C-K201, X2CrNi12	2-8mm thick	SIDE WALL, ROOF, END WALL & UNDERFRAME
Austenitic Stainless Steel	EN10088 RDSO/SPEC. C-K201, X5CrNi1810	1.25 & 1.75 mm	TRUGH FLOOR & ROOF SHEET
CORTEN STEEL	IRS:M41-97	8-10 mm thick	UNDER-FRAME
Steel	EN10025	6-12 mm	BOGIE & OTHER ITEMS



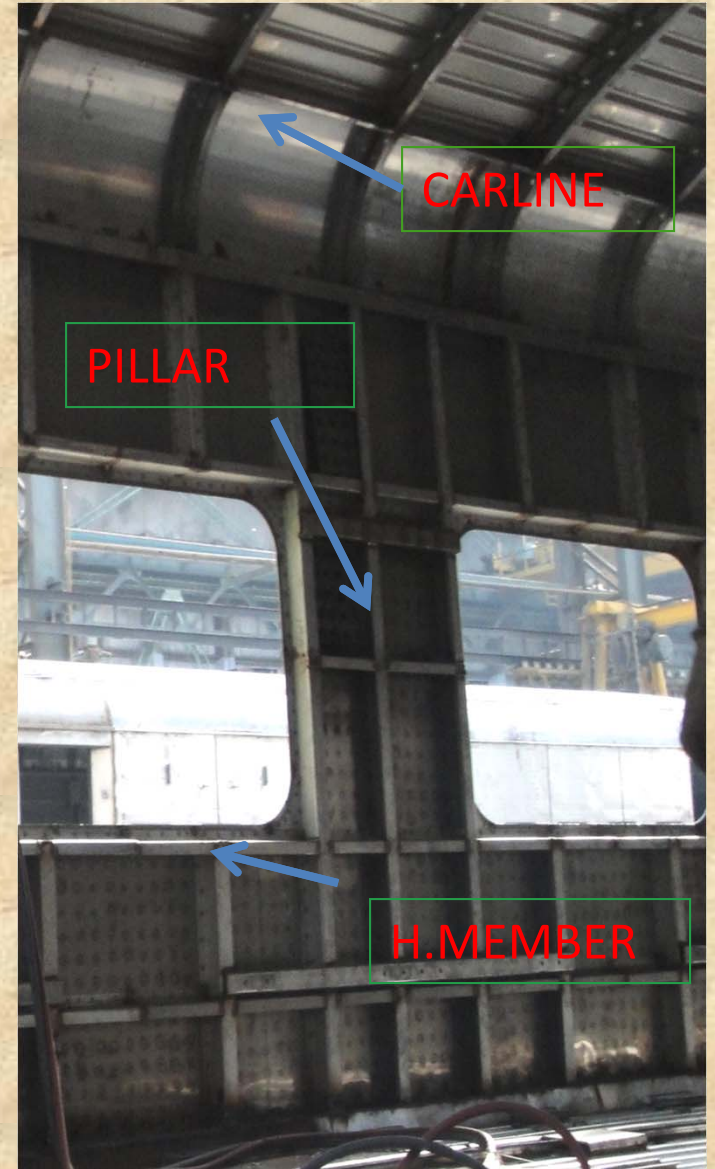
PROCESSES

- DE-coiling-Slitting-Straightening-Cutting
- SHEARING
- FORMING
- STRETCH BEND FORMING
- LASER CUTTING
- LASER WELGING
- SPOT WELDING
- MIG WELDING
- PLASMA CUTTING
- OXYACELETENE CUTTING
- GARNET BLASTING
- PAINTING



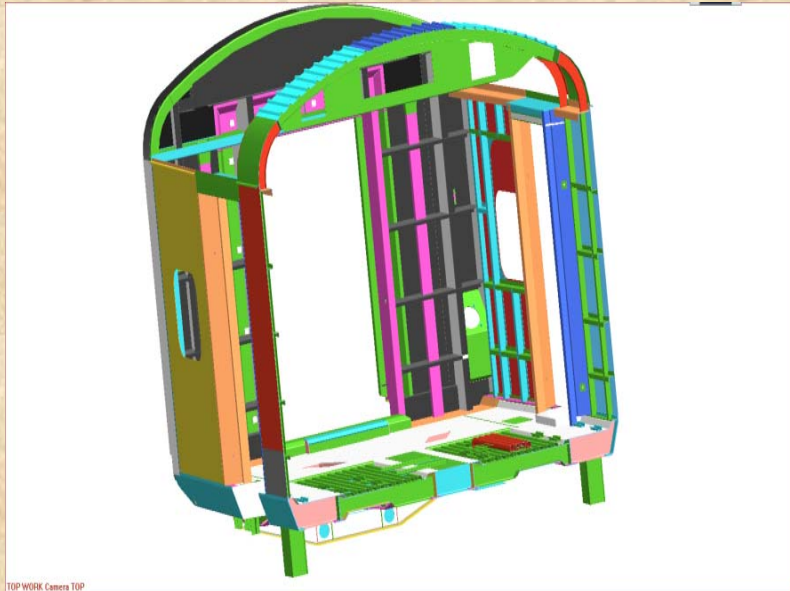
SIDE WALL

ITEMS	THICK NESS	STEEL	SPECIFI CATION
PILLARS & HORIZONTAL MEMBERS	2.5	Ferritic S.S.	RDSO/S PEC C- K201, X2CrNi1 2
ROOF FLANGE SHEETS	4		
CARLINE SHEETS, ARCHS, ANGLES	2		

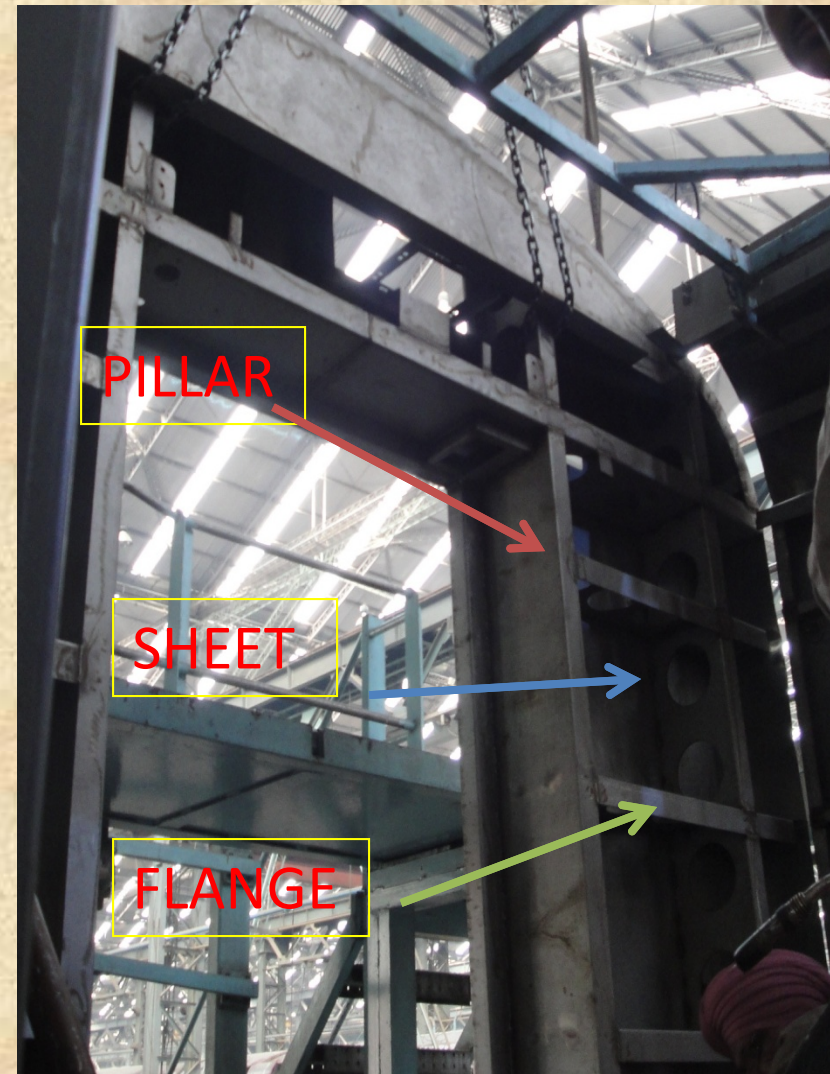




END WALL



ITEM	THICKNES S	STEEL	SPECIFICATI ON
PILLARS & FLANGES	2.5, 3	FERRITIC S.S.	RDSO/SPEC C-K201, X2CrNi12
SHEETS	4		
SHEETS	2		





UNDERFRAME

ITEM	THICKNESS	STEEL	SPECIFICATION
TROUGH FLOOR COMPLETET	1.25	Austenitic S.S.	RDSO/SPEC C- K201, X5CrNi1810(304)





SS REQUIREMENT

STEEL	SPECIFICATION	SIZE	Qty Per Coach (In Kg)	QTY. FOR 1000 COACHES (In Tonnes)	ITEM
Ferritic Stainless Steel	DIN59382, C2Cr11	2 X 1250 X 2100 sheet	2167.20	2170	SIDE WALL, ROOF, END WALL & UNDERFRAME
	RDSO/SPEC	2.5 X 1250 coil	215.00	215	
	.	3 X 1250 coil	179.15	180	
	C-K201, X2CrNi12	4 X 1250 coil	673.65	675	
		2 X 1250 coil	1290.00	1290	
Total (In tonnes)				4315	
Austenitic Stainless Steel	EN10088 RDSO/SPEC	1.25 X 1250 coil	1883.40	1885	TROUGH FLOOR & ROOF SHEET
	C-K201, X5CrNi1810	1.7 X 1100 coil	455.80	455	
Total (In tonnes)				2340	
G Total				6655	



PRODUCTION

2011-12	18
2012-13	70
2013-14 (PLAN)	150
2014-15 (PLAN)	300
2015-16 (PLAN)	750-1000

DEDICATION OF FACTORY TO THE NATION

07.11.2012



FLAGGING OFF OF INAUGURAL RAKE OF LHB AC COACHES





FIRST COACH MANUFACTURED



**First 3 Tier
Coach**



AC CHAIR CAR





INTERIOR OF AC EX CHAIR CAR





THANKS