## **HBL Engineering Limited**

**Electronics Group** 



## In-Process QC CheckList for Onboard Kavach Installation

QC Engineer Name: Suraj Vishwakarma

v1.1

Loco ID	Loco Type	Brake Type	Railway Division	Shed Name	Inspection Date
3455677	WAP-4	ССВ	SER	Tatanagar(TATE)	05-08-2025

Total Points	Closed Points	Open Points	
177	8	169	

Start Date & Time	Completed Date & Time	Total Time	
2025-08-05 12:28:42	2025-08-05 12:29:48	0h 1m 6sec	

## 1.0 DOCUMENT VERIFICATION

	S.No	Description	Status	Remarks
	1.1	Annexure of IC (Inspection Certificate) issued by RDSO.	Available	
Ī	1.2	Loco Allocation Letter	Available	

## 12.0 PSJB AND TPM UNITS FIXING FOR CCB TYPE LOCO

Start Date & Time	Completed Date & Time	Total Time	
5/8/2025, 12:29:42 pm	5/8/2025, 12:29:42 pm	0h 0m 0sec	

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S.No	Description	Status	Remarks	Image
12.1	PSJB Fixing:Ensure existing PSJB removed and Handed over to Loco Shed Rail team, And install factory supplied PSJB	Installed		
12.2	TPM Unit Fixing:Ensure that TPM module is installed right side to the MPIO module	Installed		
12.3	Fixing of PSJB and TPM:Ensure that PSJB and TPM units fixing holes are matching with supporting clamps	Matching		
12.4	Cable connections:Ensure that cable connections are given at the corresponding location with respect to labels provided.	Connected		
12.5	Cable routing:Ensure that cables are routed properly without hanging on ground and tied properly with cable ties.	Routing Done		
12.6	Ensure SIFA Valve is installed with mounting frame under DBC panel in CAB-1 side(NOTE: Ensure that SIFA VALVE SHOULD BE CLOSED CONDITION WHILE INSTALLATION)	Installed		

Note: This QC report is generated by the system and does not need a physical signature.

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