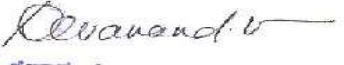

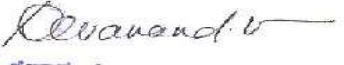

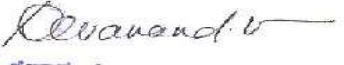


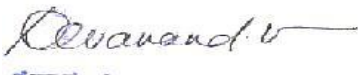

 A4-10	Ref : PS/445/2559 Rev. : 08 Page : 01 of 01								
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		<b>REVISIONS :</b> Rev 07: BOM: TE/445/HLC/BOM-Rev11 Updated. Rev 08: BOM ,TR,QP and SOS Updated.		<table border="1"> <tr> <td colspan="3"> <b>APPROVED BY</b>            DEVANAND.V       </td> </tr> <tr> <td> <b>PREPARED BY</b>            J SHUKLA       </td> <td> <b>ISSUED</b>            445       </td> <td> <b>DATE</b>            20.07.2023       </td> </tr> </table>		<b>APPROVED BY</b>  DEVANAND.V			<b>PREPARED BY</b>  J SHUKLA	<b>ISSUED</b>  445	<b>DATE</b>  20.07.2023
<b>APPROVED BY</b>  DEVANAND.V											
<b>PREPARED BY</b>  J SHUKLA	<b>ISSUED</b>  445	<b>DATE</b>  20.07.2023									

		<div><div><div>बि एच ई एल</div><div></div><div>A4-10</div></div></div>	<div>Ref: <b>TE/445/HLC/SOS</b></div> <div>Rev. : 03</div> <div>Page : 01 of 02</div>			
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		<div>REVISIONS :01</div> <div>a) Base Frame removed from scope</div> <div>b) Ducts are to be fabricated in MS</div> <div>c) Output Contactor Panel is included in scope</div> <div>Rev 02:</div> <div>a) Duct design changed</div> <div>d) TI Code added .</div>	<div>APPROVED BY</div> <div></div> <div>DEVANAND.V</div>			
			<div>PREPARED BY</div> <div></div> <div>AN</div>	<div>ISSUED</div> <div>445</div>	<div>DATE</div> <div>20.07.2023</div>	



## Scope of supply

The Scope of supply shall be as per RFQ. All items shall be supply in line with Technical Requirements Ref: TE/445/HLC/TR enclosed with this specification.

### 1) HLC Panel consisting of following Components: TI0668106015






- 1) SS 304 Panel as per Drawing No. 16680801025 and BOM: TE/445/HLC/BOM
- 2) Square Keys- 2 Nos/Panel (Loose supply)
- 3) Wooden Pallet as per Drawing No. 26680800282

### 2) Output Contactor Panel: TI0668085924

- 1) Output contactor Assy as per Drg. No. 36680800213

### 3) MS HLC Duct Assy : TI0668121424

- 1) BT Rear Duct Assy as per Drg. No.: 36680801631
- 2) Top Duct Rear Weld Assy as per Drg. No.: 36680801636

		 <b>A4-10</b>			Ref : TE /445 /HLC /TR <hr/> Rev. : 02 <hr/> Page : 01 of 03					
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		<b>REVISIONS :</b> 01: a) Duct material changed to MS b) MIG/MAG welding criterion changed c) Output Contactor Panel is included  02: Packing instruction and IP test included.			<b>APPROVED BY</b> <div style="text-align: center;">   <b>DEVANAND.V</b> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td> <b>PREPARED BY</b>    <b>J SHUKLA</b> </td> <td> <b>ISSUED</b>    <b>445</b> </td> <td> <b>DATE</b>    <b>20.03.2023</b> </td> </tr> </table>			<b>PREPARED BY</b>  <b>J SHUKLA</b>	<b>ISSUED</b>  <b>445</b>	<b>DATE</b>  <b>20.03.2023</b>
<b>PREPARED BY</b>  <b>J SHUKLA</b>	<b>ISSUED</b>  <b>445</b>	<b>DATE</b>  <b>20.03.2023</b>								



Ref :TE / 445 / HLC / TR

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**General**

The Hotel Load Converters shall be manufactured as per the Drg. No.16680801025, Output Contactor assy as per Drg. No. 36680800213 and MS Duct as per Drg. No. 36680801631 & 36680801636 and Consolidated Master list of Drawings: TE/445/HLC/BOM furnished with RFQ. Manufacturing involves fabrication processes such as Shearing, Profile cutting, Bending, Welding, Pickling etc. Manufacturing process being presently used are as accepted by BHEL. Any change in the process of manufacturing shall be approved by BHEL. Achieving IP 54 rating is the responsibility of the vendor. Minor design changes to achieve the same can be made by the Vendor with prior approval from BHEL. IP 54 to be performed on one panel of each type with fitting of Glands/Connectors.

**Templates:**

Vendor is at liberty to manufacture Jigs & Fixtures of different designs for attaining the required accuracy and speed of manufacturing. He shall also design and manufacture suitable Templates for all critical dimensions. Templates shall be made for Fabrication and Inspection separately. The templates, jigs and fixtures will be inspected and approved by BHEL representatives along with the first panel manufactured by the vendor. Vendor can proceed with Fabrication of further Panels only after approval of these Templates and clearance of first panel.

**Welding:**


Welding shall be carried out by TIG/MIG/MAG Process only. PS, PQR, WPQ and welding sequence shall be submitted to BHEL for approval. WPS, PQR, WPQ if approved earlier need not be submitted again. Welding shall be carried out only by certified Vendors. All the welds shall be neat and uniform and shall be free from burrs and spatter. TIG welding shall be used where the thinner base metal thickness is 4 mm and below. MIG/MAG can be use where sheet metal thickness is more than 4mm.


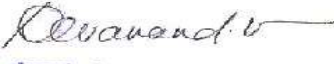

**Sub contracting:**

Works of Sub vendors (if applicable) shall be inspected by BHEL before the job is offloaded by Vendor. Any inclusion of new sub vendors shall be necessarily brought to the notice of BHEL.

**Recommended Vendor List:**

- a) Gasket: Hoogerdijk/Sachbar/Dirak/Emka
- b) Fasteners: Bossard/Wuerth/Fabory/Rivit India
- c) Blind Rivets: Tubtara/Rivit India
- d) Handle: Dirak
- e) Compression Lock: Dirak Model : 7-078, Emka Model: 1000-SU 838-11LI/RE
- f) Compression Latch-Dirak Model: 351-2427.04-L2000

		 A4-11	<div>Ref :TE / 445 / HLC / TR</div> <div>Rev. No. : 02</div> <div>Page: 03 of 03</div>
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		<div><div>बि एच ई प्ल</div><div></div><div>A4-10</div></div>	<div>Ref :TE/445/HLC/BOM</div> <div>Rev. : 12</div> <div>Page : 01 of 01</div>			
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		<div>REVISIONS : Rev 11: BOM Updated. Rev 12: BOM Updated.</div>	<div>APPROVED BY</div> <div></div> <div>DEVANAND.V</div>			
			<div>PREPARED BY</div> <div></div> <div>J SHUKLA</div>	<div>ISSUED</div> <div>445</div>	<div>DATE</div> <div>20.07.2023</div>	

1. HLC PANEL			
SL NO.	DWG NO.	DESCRIPTION	Rev
1	16680801021	COVER (AIR OUTLET)	00
2	16680801022	COVER ASSY (AIR OUTLET)	00
3	16680801023	MIDDLE COVER ASSY (POWER MODULE)	02
4	16680801024	MIDDLE PLATE (POWER MODULE)	03
5	16680801025	EMPTY PANEL ASSY HLC	5
6	26680800285	HLC FRAME WELD ASSY.	06
7	26680800286	HLC SHELL WELD ASSY.	03
8	26680800287	RH SIDE PLATE (HLC - 17)	01
9	26680800288	LH SIDE PLATE (HLC -17)	00
10	26680800289	TOP COVER PLATE (HLC-17)	00
11	26680800290	BOTTOM COVER PLATE (HLC-17)	02
12	36680801589	GLAND PLATE FOR 17 SETS HLC	02
13	36680801590	hollow sections 1543.8 Lg(LH)	03
14	36680801591	hollow sections 1543.8 Lg(RH)	02
15	36680801592	ISO 4019 - 40x40x4x1704 Lg(FRONT-RH)	01
16	36680801593	hollow sections 1615 Lg(LH)	04
17	36680801594	hollow sections 1615 Lg(RH)	03
18	36680801595	REAR BT hollow sections - 1314	02
19	36680801596	hollow sections 1394 Lg(REAR)	02
20	36680801597	FRONT TOP SQ TUBE (1394 Lg)	03
21	36680801598	TOP ANCHORING (LH & RH)	01
22	36680801599	L ANGLE 40 x40 x1394 Lg (PM)	00
23	36680801600	ISMC FRONT SIDE(PM)1394Lg	01
24	36680801601	BOTTOM CHANEL RH	00
25	36680801602	BOTTOM CHANEL RH	00
26	36680801603	BOTTOM CHANNEL LH	00
27	36680801604	hollow sections - 940.8	02
28	36680801605	hollow sections-1264(BM MIDDLE)	00
29	36680801606	60x 40x 5 REAR MD-412 Lg (LH) & RH	02
30	36680801607	60x 40x 5 REAR MD-1314 Lg	02
31	36680801608	SUPPORT COVER ASSY (POWER MODULE)	00
32	36680801609	BOTTOM PLATE (P M MOUNTING)	00
33	36680801610	COVER ASSY(F.M)	02
34	36680801611	TOP COVER (FAN)	02
35	36680801612	SUPPORT COVER ASSY (POWER MODULE TP)	00
36	36680801613	MIDDEL PLATE (P M MOUNTING)	00
37	36680801614	V .T MOUNTING PLATE ASSY.	00
38	36680801615	V .T MOUNTING PLATE	00
39	36680801616	SUPPORT COVER ASSY (PCB)	01
40	36680801617	SUPPORT COVER (PCB)	02
41	36680801618	SUPPORT COVER ASSY (TB)	01
42	36680801619	SUPPORT COVER (TB)	02
43	36680801620	TP BACK SIDE PLATE	00
44	36680801621	BT BACK SIDE PLATE	01
45	36680801622	LOCK FIXING BRACKET	00
46	36680801623	TOP FRONT DOOR ASSY.(HLC)	01
47	36680801624	TOP FRONT DOOR.(HLC)	00
48	36680801625	MD FRONT DOOR ASSY.(HLC)	00
49	36680801626	MD FRONT DOOR.(HLC)	00
50	36680801627	BT FRONT DOOR ASSY.(HLC)	00
51	36680801628	BT FRONT DOOR.(HLC)	00
52	36680801629	BT BACK DOOR ASSY	02




SL NO.	DWG NO.	DESCRIPTION	Rev
53	36680801630	BT BACK DOOR	02
54	36680801633	TP BACK DOOR ASSY.(HLC)	02
55	36680801634	TP REAR DOOR	02
56	36680801635	FAN DUCT ASSY.(NEW)	01
57	36680801638	Partition- vertical-filter	00
58	36680801639	TOP BOLTED COVER	01
59	36680801640	SUPPORT PLATE ASSY(RH)	00
60	36680801641	SUPPORT PLATE(RH)	00
61	36680801642	SUPPORT PLATE ASSY(LH)	00
62	36680801643	SUPPORT PLATE(LH)	00
63	36680801644	FLANGE FOR TOP (SS-304)	00
64	36680801645	TOP BOLTED SQUARE TUBE ASSY.	00
65	36680801646	I/O PUT CABLE DUCT	01
66	36680801647	hollow sections 1394 Lg(REAR TP)	00
67	36680801648	hollow sections 1575 Lg(REAR)	01
68	36680801650	TOP PORTION PLATE(PM)	05
69	36680801651	BOTTOM PORTION PLATE(PM)	05
70	36680801652	TOP PORTION PLATE PM(ELGF)	03
71	36680801653	BOTTOM PORTION PLATE FRP (PM)	02
72	46680800486	CENSOR MOUNTING PLATE ASSY.	00
73	46680800495	M6 BRCKET ASSY(40 x40 x30)	00
74	46680800496	TB PLATE MTG BRKT.	00
75	46680800497	BUSH (SUPPORT COVER)	00
76	46680800498	LOCK MOUNTING PLATE	00
77	46680800505	L BRACKET ( 30 x 40 x 250 Lg)	01
78	46680800510	M 8 BUSH (TOP)	01
79	46680800557	STRIP ( P M BOTTOM)	00
80	46680800559	SUPPORT LADER(300)	00
81	46680800560	SUPPORT(AIR OUTLET)	00
82	46680800565	L BRACKET FOR INSULATOR	00
83	46680800582	BOTTOM CONTROLE CABLE STRIP	00
84	46680800583	RESISTOR MOUNTING ANGLE	00
85	46680800599	CONTACTOR MOUNTING PLATE(rear)	00
86	46680800638	BOTTOM CHANNEL GUSSET	00
87	46680800639	Earth boss M10	00
88	46680800640	STRIP (PM TOP)	00
89	46680800641	SUPPORT LADDER	00
90	46680800642	SUPPORT PLATE ASSY	01
91	46680800643	SUPPORT PLATE	01
92	46680800644	WIRE SUPPORT	00
93	46680800645	L BRACKET (5 THK. x 30 x 40)	00
94	46680800646	WIRE SUPPORT(200)	00
95	46680800647	WIRE SUPORT	00
96	46680800648	WIRE SUPORT	00
97	46680800649	MCB COVRING PLATE	00
98	46680800650	POLY CORBONATE SHEET	01
99	46680800651	DOOR STRIP (HLC)	00
100	46680800652	PCONV- L BRACKET	00
101	46680800653	DOOR STIFFNER ASSY.	00

SL NO.	DWG NO.	DESCRIPTION	Rev
102	46680800654	BOTTOM ISMC SUPORT	00
103	46680800655	L ANGEL 40 x 40 x 409 Lg	01
104	46680800656	T11 MOUNTING ANGEL LH(412 Lg)	00
105	46680800657	INPUT INDUCTOR MOUNTING CHANEL	00
106	46680800658	SINE FILTER INDUCTOR MTG CHANNEL(430Lg)	00
107	46680800659	T11 MOUNTING ANGEL RH(412 Lg)	00
108	46680800660	CAPACITOR MTG ANGEL-RH(412LG)	00
109	46680800661	M24 SQUARE BLOCK	01
110	46680800662	PRECHARGE MOUNTING ANGEL RH(412 Lg)	00
111	46680800663	CAPACITOR MTG ANGEL-LH(412LG)	00
112	46680800664	FRONT INSIDE CHANNEL(462)	00
113	46680800665	hollow sections 30 Lg	00
114	46680800666	BACK SIDE COVERING PLATE	00
115	46680800667	GUSSET PLATE TOP	00
116	46680800668	M 10 BUSH (TOP)	01
117	46680800673	TOP BACKSIDE STRIP	00
118	46680800674	BRKT. FOR ARC CHUTE 1	01
119	46680800675	BRKT. FOR ARC CHUTE	01
120	46680800676	L BRACKET (30 x40 x 406 Lg)	00
121	46680800677	Lamp holding plate	00
122	46680800678	MCB MOUNTING PLATE ASSY.	02
123	46680800679	MCB MOUNTING PLATE	02
124	46680800680	CBCT MOUNTING ASSY.	01
125	46680800681	CBCT MOUNTING BKT.-1	00
126	46680800682	M6 BRCKET ASSY(40x36 x30)	00
127	46680800683	POWER SUPPLY MTG CHANNEL.	01
128	46680800746	CIRCULAR CONNECTOR MOUNTING PLATE	00
129	46680800771	PARTITION PLATE GUIDE	00
130	46680800966	Censor MOUNTING Bracket	3
131	26680800282	PALLET FOR SINGLE CUB. FRAME DEPTH >800	03
<b>2. OUTPUT CONTACTOR ASSEMBLY</b>			
132	36680800204	BASE COVER SUPPORT ASSY.	02
133	36680800209	BASE COVER SUPPORT	03
134	36680800210	BASE COVER ASSY	09
135	36680800211	BASE COVER	07
136	36680800212	TOP COVER	05
137	36680800213	OUTPUT CONTACTOR ASSY (EMPTY PANEL)	05
138	46680800209	GASKET-381 LG	01
139	46680800210	EARTHING BUSH	00
140	46680800215	ELGF SHEET	03
141	46680800228	GASKET-618 LG	01
142	46680800747	GLAND PLATE FOR OUTPUT PANEL	00
143	46680800748	HINGE BRACKET	00
144	46680800749	Z BRACKET FOR RESISTOR ASSEMBLY	00
<b>3. HLC DUCT ASSY</b>			
145	36680801631	BT REAR DUCT ASSY.	02
146	36680801636	TOP REAR DUCT WELD ASSY	02


**Note:**

1.All fasteners, HEX RIVET NUT BLIND RVS /RECESSED HEAD/Eye Bolt called in Drawings/required for Panel/Part assembly & Door hardware shall be supplied.

2.Greese all Stainless Steel fasteners with Gleitmo 805 or Equivalent.



	<b>Bharat Heavy Electricals Ltd</b> <b>Electronics Divison</b> <b>Bangalore</b>	<b>QUALITY PLAN FOR</b> <b>AC LOCO HLC PANEL</b>	<b>QP No.: TE/445/TRC-NB/QP</b> <b>Rev: 01    Date: 20.07.2023</b> <b>Page 1 of 4</b>	<b>Project: AC Loco</b>
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Sl. No	Component & Operation	Characteristics	Class	Type of Check	Quantum of check		Ref Doc. & Acceptance STD	Format of record			REMARKS	REV
					M	B			M	B		
A	RAW MATERIAL											
1.	SHEET METAL(Thickness - 2mm,3mm,4mm and 6mm)	A) MATERIAL	MAJOR	CHEMICAL COMPOSITION	100%	100 %	ASTM A 240	MTC	V	V	Mill TC shall be furnished for 2 thk. Third party TC is acceptable for other thickness	
		B) THICKNESS	MAJOR	MEASUREMENT	100%	100%	ASTM A 408	MTC	V	V		
		C)APPEARANCE	MAJOR	VISUAL	100%	100%	IR	MTC	P	V	Shall be free from visual defects like dents/damages/Scratches/waviness/bend/bow/corrosion/pitting.	
2	RS ANGLE	A) TYPE, SIZE , THICKNESS	MAJOR	VISUAL	100%	100%	IS 808.	MTC	V	V	Third Party TC is acceptable	
		B) MATERIAL	MAJOR	CHEMICAL/COMPOSITION	100%	100%	AISI 304	MTC	V	V		
		C)APPEARANCE	MAJOR	VISUAL	100%	100%	-		P	V	Shall be free from visual defects like dents/damages/Scratches/waviness/bend/bow/corrosion/pittings.	

	<b>M- Manufacturer/Sub-Vendor;</b> <b>B - BHEL / TPI</b> <b>P - Perform; W - Witness    V - Verification;</b> <b>IR-Inspection Report,MTC-Material TC</b>		 <b>JAGDISH SHUKLA, Sr. Manager,TRACTION ENGINEERING</b> <b>BHEL-EDN, MYSURU ROAD, BENGALURU-560026</b>
Signature of Manufacturer/Sub-Vendor			Name & Signature of BHEL approving authority

	<b>Bharat Heavy Electricals Ltd</b> <b>Electronics Divison</b> <b>Bangalore</b>	<b>QUALITY PLAN FOR</b> <b>AC LOCO HLC PANEL</b>	<b>QP No.: TE/445/HLC/QP</b> <b>Rev: 01    Date: 20.07.2023</b> <b>Page 2 of 4</b>	<b>Project: Ac Loco</b>
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Sl. No	Component & Operation	Characteristics	Class	Type of Check	Quantum of check		Ref Doc. & Acceptance STD	Format of record			REMARKS	REV
					M	B			M	B		
3	<b>RECTANGULAR HOLLOW</b> (40x40x 4thk)	A)MATERIAL	CRITICAL	CHEMICAL/MEC H PROPERTIES	100%	100%	A 213 TP 304./ A 312 TP 304	MTC	V	V	<b>Material TC of the Round tube used for conversion to Rectangular/Square Tube to be furnished.</b>	
		B)DIMENSIONS	MAJOR	MEASUREMENT	100%	100%	IS 4923	DIM REPORT	V	V		
		C)APPEARANCE	MAJOR	VISUAL	100%	100%	-		P	V	Shall be free from visual defects like dents/damages/Scratches/waviness/bend/bow/corrosion/pittings/flakes/deep rolling marks.	
		D) PICKLING TEST	MAJOR	VISUAL	SAMPLE	SAMPLE	EN 2516	IR	P	V	About 10 cm length from shall be Pickled as per Std	
4	<b>Gasket</b>	Material EPDM	MAJOR	CHEMICAL COMPOSITION	SAMPLE	SAMPLE	OEM PO	Third party TC	V	V		
		HARDNESS	MAJOR	MEASUREMENT	SAMPLE	SAMPLE	MIN 50 SHORE	Third party TC	V	V		

Signature of Manufacturer/Sub-Vendor	<b>M- Manufacturer/Sub-Vendor;</b> <b>B - BHEL / TPI</b> <b>P - Perform; W - Witness V - Verification;</b> <b>IR-Inspection Report,MTC-Material TC</b>		  Name & Signature of BHEL approving authority




**Bharat Heavy Electricals Ltd**  
Electronics Division  
Bangalore

**QUALITY PLAN FOR  
AC LOCO HLC PANEL**

**QP No.: TE/445/HLC/QP**  
**Rev: 01 Date: 20.07.2023**  
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**Project: Ac Loco**


Sl. No	Component & Operation	Characteristics	Class	Type of Check	Quantum of check		Ref Doc. & Acceptance STD	Format of record			REMARKS	REV
					M	B			M	B		
5	FASTENERS	MATERIAL	MAJOR	CHEMICAL/MEC H	SAMPLE	SAMPLE	AISI 304	VENDOR REPORT	V	V		
		PICKLING TEST (NOT APPLICABLE FOR PALLET FASTENERS)	CRITICAL	CHEMICAL	SAMPLE	SAMPLE	-	IR	V	V	3 NOS OF EACH TYPE FASTENER SHALL BE TESTED	
B	IN-PROCESS											
1	TEMPLATES	DIMENSION	CRITICAL	MEASUREMENT	100%	100%	APPD DRGS	DIM REPORT	P	P	TEMPLATES SHALL BE MADE IN CONSULTATION WITH QS FOR ALL CRITICAL DIMENSIONS	
2.	FABRICATED/ CUBICLE AND COMPONENTS	A) DIMENSION	CRITICAL	MEASUREMENT	100%	100%	APPD. DRG	IR	P	V	#BHEL SHALL WITNESS IN THE FIRST FEW PANELS	
		B) DEBURRING	CRITICAL	VISUAL	100%	100%	APPD. DRG	IR	P	V		
		C) WELDING	CRITICAL	VISUAL	100%	SAMPLE	APPD. DRG	IR	P	V		
		D) DEBURRING	CRITICAL	VISUAL	100%	100%	APPD. DRG	IR	P	V		
3	PICKLING /PASSIVATION	VISUAL	CRITICAL	VISUAL	100%	100%	EN 2516	IR	P	V	PROCEDURE FOR PICKLING/PASSIVATION ISSUED SEPERATELY	

Signature of Manufacturer/Sub-Vendor	<b>M</b> - Manufacturer/Sub-Vendor; <b>B</b> - BHEL / TPI <b>P</b> - Perform; <b>W</b> - Witness <b>V</b> - Verification; <b>IR</b> -Inspection Report, <b>MTC</b> -Material TC		 <b>JAGDISH SHUKLA, JR. MANAGER/TRACTION ENGINEERING</b> <b>BHEL-EDN, MYSURU ROAD, BENGALURU-560026</b>

Name & Signature of BHEL approving authority

	<b>Bharat Heavy Electricals Ltd</b> <b>Electronics Divison</b> <b>Bangalore</b>	<b>QUALITY PLAN FOR</b> <b>AC LOCO HLC PANEL</b>	<b>QP No.: TE/445/HLC/QP</b> <b>Rev: 01    Date: 20.07.2023</b> <b>Page 4 of 4</b>	<b>Project: Ac Loco</b>
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Sl. No	Component & Operation	Characteristics	Class	Type of Check	Quantum of check		Ref Doc. & Acceptance STD	Format of record			REMARKS	REV
					M	B			M	B		
C	FINAL INSPECTION											
1.	DIMENSIONAL		CRITICAL	MEASUREMENT	100%	100%	APPD. DRG.	IR	P	W		
2	TORQUE TESTING OF RIVETS		CRITICAL	FUNCTIONAL	100%	100%	AS PER TORQUE RATINGS IN SPECS..	IR	P	W		
3.	BOM VERIFICATION		CRITICAL	VISUAL	100%	100 %	APPD. DRG.	IR	P	W		
4.	THREAD MATCHING TEST OF WELD NUTS		CRITICAL	VISUAL	100%	100 %	APPD. DRG.	IR	P	V		
5	PALLET MOUNTING-DIMENSIONS		MAJOR	MEASUREMENT	100%	100 %	APPD. DRG	IR	P	W		
	MOUNTING LOCATION		MAJOR	MEASUREMENT	100%	100%	APPD DRG	IR	P	W		
	FASTENER SIZES		MAJOR	MEASUREMENT	100%	100%	APPD DRG	IR	P	W		
6	OVERALL FINISH		CRITICAL	VISUAL	100%	-DO-	APPD. DRG.	IR	P	W		
7	IP TESTING		CRITICAL	VISUAL	100%	-DO-	NABL TC	IR	P	V	NABL Accredited Lab IP Certificate to be submitted. (Validity 10 Yrs.)	01

	<b>M- Manufacturer/Sub-Vendor;</b> <b>B - BHEL / TPI</b>		 <small>जगदीश शुकला, जे. एम. इंजीनियरिंग, इलेक्ट्रिकल  JAGDISH SHUKLA, JR. MANAGER/TRACTION ENGINEERING  BHEL-EDN, MYSURU ROAD, BENGALURU-560026</small>
Signature of Manufacturer/Sub-Vendor	<b>P - Perform; W - Witness    V - Verification;</b> <b>IR-Inspection Report,MTC-Material TC</b>		Name & Signature of BHEL approving authority