National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	INTEGRATED EMC AND RELIABILITY TESTING LABORATORY, BOSCH GLOBAL SOFTWARE TECHNOLOGIES PRIVATE LIMITED, CHIL-SEZ, KEERANATHAM VILLAGE, COIMBATORE, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11718	**Page No**	1 of 12
Validity	01/06/2023 to 23/05/2024	**Last Amended on**	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	1) Discontinuities in supply voltage (momentary drop in supply voltage, Reset behavior at voltage drop, Starting profile) 2) DC supply voltage 3)Overvoltage 4)Slow increase and decrease of supply voltage 5)Reversed voltage 6)Ground reference and supply offset 7)Short-circuit protection 8) Open circuit test	"Withdrawn" ISO 16750-2 Second edition
2	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	1) Discontinuities in supply voltage (momentary drop in supply voltage, Reset behavior at voltage drop, Starting profile) 2) DC supply voltage 3)Overvoltage 4)Slow increase and decrease of supply voltage 5)Reversed voltage 6)Ground reference and supply offset 7)Short-circuit protection 8) Open circuit test	"Withdrawn" ISO 16750-2 Third edition
3	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	1) Discontinuities in supply voltage (momentary drop in supply voltage, Reset behavior at voltage drop, Starting profile) 2) DC supply voltage 3)Overvoltage 4)Slow increase and decrease of supply voltage 5)Reversed voltage 6)Ground reference and supply offset 7)Short-circuit protection 8) Open circuit test	ISO 16750-2 Fourth edition
4	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Absorber-lined shielded enclosure	"Withdrawn" ISO 11452-2 Second edition
5	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Absorber-lined shielded enclosure	"Withdrawn" ISO 11452-2 Second edition
6	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Absorber-lined shielded enclosure	"Withdrawn" ISO 11452-2 Second edition
7	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Absorber-lined shielded enclosure	"Withdrawn" ISO 11452-2 Second edition
8	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Absorber-lined shielded enclosure (LV Supply Lines)	ISO 11452-2 Third edition

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Absorber-lined shielded enclosure (LV Supply Lines)	ISO 11452-2 Third edition
10	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Absorber-lined shielded enclosure (LV Supply Lines)	ISO 11452-2 Third edition
11	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Absorber-lined shielded enclosure (LV Supply Lines)	ISO 11452-2 Third edition
12	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Bulk current injection (BCI) - Closed Loop	"Withdrawn" ISO11452-4 (Third Edition)
13	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Bulk current injection (BCI) - Open Loop	"Withdrawn" ISO 11452-4 (Third edition)
14	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Bulk current injection (BCI) - Open Loop	"Withdrawn" ISO 11452-4 Third Edition
15	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Conducted emissions from components/modules - Current probe method	"Withdrawn" CISPR 25 (Edition 4.0)
16	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Conducted emissions from components/modules - Current probe method	CISPR 25 Edition 5.0
17	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Conducted emissions from components/modules – Current probe method	"Withdrawn" CISPR 25 (Second Edition)
18	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Conducted emissions from components/modules – Current probe method	"Withdrawn" CISPR 25 Edition 3.0
19	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Conducted emissions from components/modules - Voltage method	"Withdrawn" CISPR 25 (Edition 3.0)
20	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Conducted emissions from components/modules – Voltage method	"Withdrawn" CISPR 25 Second Edition
21	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Conducted emissions from components/modules – Voltage method	"Withdrawn" CISPR25 Edition 4.0
22	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Conducted emissions from components/modules – Voltage method	CISPR25 Edition 5.0

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23	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical Interference by Conduction and Coupling - Capacitive and Inductive Coupling via Lines Other than Supply Lines - Capacitive Coupling Clamp (CCC)	"Withdrawn" SAE J1113-12
24	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical Interference by Conduction and Coupling - Capacitive and Inductive Coupling via Lines Other than Supply Lines - Capacitive Coupling Clamp (CCC)	SAE J1113-12
25	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical Interference by Conduction and Coupling - Capacitive and Inductive Coupling via Lines Other than Supply Lines - Direct Capacitor Coupling (DCC)	"Withdrawn" SAE J1113-12
26	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical Interference by Conduction and Coupling - Capacitive and Inductive Coupling via Lines Other than Supply Lines - Direct Capacitor Coupling (DCC)	SAE J1113-12
27	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical Interference by Conduction and Coupling - Capacitive and Inductive Coupling via Lines Other than Supply Lines - Inductive Coupling Clamp (ICC)	"Withdrawn" SAE J1113-12
28	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical Interference by Conduction and Coupling - Capacitive and Inductive Coupling via Lines Other than Supply Lines - Inductive Coupling Clamp (ICC)	SAE J1113-12
29	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 1	"Withdrawn" ISO 7637-2 (Second Edition) (Amendment 1)
30	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 1	"Withdrawn" ISO 7637-2 Second edition
31	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 1	ISO 7637-2 Third edition

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
32	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 2a	"Withdrawn" ISO 7637-2 (Second Edition) (Amendment 1)
33	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 2a	"Withdrawn" ISO 7637-2 Second edition
34	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 2a	ISO 7637-2 Third edition
35	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 2b	"Withdrawn" ISO 7637-2 (Second Edition) (Amendment 1)
36	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 2b	"Withdrawn" ISO 7637-2 Second edition
37	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 2b	ISO 7637-2 Third edition
38	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 3a and Pulse 3b	"Withdrawn" ISO 7637-2 (Second Edition) (Amendment 1)
39	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 3a and Pulse 3b	"Withdrawn" ISO 7637-2 Second edition
40	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 3a and Pulse 3b	ISO 7637-2 Third edition
41	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 4	"Withdrawn" ISO 7637-2 (Second Edition) (Amendment 1)
42	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 4	"Withdrawn" ISO 7637-2 Second edition
43	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 5a and Pulse 5b	"Withdrawn" ISO 7637-2 (Second Edition) (Amendment 1)
44	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient conduction along supply lines only - Pulse 5a and Pulse 5b	"Withdrawn" ISO 7637-2 Second edition

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45	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines - CCC method	"Withdrawn" ISO 7637-3 Second edition
46	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines - CCC method	ISO 7637-3 Third edition
47	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines - DCC method	"Withdrawn" ISO 7637-3 Second edition
48	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines - DCC method	ISO 7637-3 Third edition
49	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines - ICC method	"Withdrawn" ISO 7637-3 Second edition
50	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines - ICC method	ISO 7637-3 Third edition
51	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Electrostatic discharge immunity test	IEC 61000-4-2
52	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Emission of transient conducted disturbances generated by ESAs on 12/24 V supply lines	AIS-004(Part-3)
53	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Emission of transient conducted disturbances generated by ESAs on 12/24 V supply lines	Amendment No. 1, 10 April 2015 to AIS 004 (Part 3)
54	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Emission of transient conducted disturbances generated by ESAs on 12/24 V supply lines	ECE-R10 Rev 5.0 Annex 10

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
55	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Emission of transient conducted disturbances generated by ESAs on 12/24 V supply lines	ECE-R10 Rev.6.0 Annex 10
56	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Emission of transient conducted disturbances generated by ESAs on 12/24 V supply lines	ECE-R10 Rev.6.0 Annex 7 and 8
57	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Harness excitation	"Withdrawn" ISO 11452-4 (Fourth Edition) (Methods - Open Loop)
58	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Harness excitation	"Withdrawn" ISO 11452-4 (Fourth Edition) (Methods- Open Loop)
59	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Harness excitation	"Withdrawn" ISO11452-4 Fourth edition (Methods - Closed Loop)
60	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Harness excitation	ISO11452-4 Fifth edition (methods - Closed Loop LV Supply Lines)
61	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Harness excitation	ISO11452-4 Fifth edition (Methods - Closed Loop LV Supply Lines)
62	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Harness excitation	ISO11452-4 Fifth edition (Methods -Closed Loop LV Supply Lines)
63	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 1	AIS-004 (Part-3)
64	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 1	Amendment No. 1, 10 April 2015 to AIS 004 (Part 3)
65	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 1	ECE-R10 Rev.5.0 Annex 10
66	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 1	ECE-R10 Rev.6.0 Annex 10
67	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 2a	AIS-004 (Part-3)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
68	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 2a	Amendment No. 1, 10 April 2015 to AIS 004 (Part 3)
69	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 2a	ECE-R10 Rev.5.0 Annex 10
70	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 2a	ECE-R10 Rev.6.0 Annex 10
71	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 2b	AIS-004 (Part-3)
72	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 2b	Amendment No. 1, 10 April 2015 to AIS 004 (Part 3:2009))
73	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 2b	ECE-R10 Rev.5.0 Annex 10
74	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 2b	ECE-R10 Rev.6.0 Annex 10
75	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 3a and Pulse 3b	AIS-004 (Part-3)
76	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 3a and Pulse 3b	Amendment No. 1, 10 April 2015 to AIS 004 (Part 3:2009))
77	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 3a and Pulse 3b	ECE-R10 Rev.5.0 Annex 10
78	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 3a and Pulse 3b	ECE-R10 Rev.6.0 Annex 10
79	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 4	AIS-004 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : INTEGRATED EMC AND RELIABILITY TESTING LABORATORY, BOSCH GLOBAL SOFTWARE TECHNOLOGIES PRIVATE LIMITED, CHIL-SEZ, KEERANATHAM VILLAGE, COIMBATORE, TAMIL NADU, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
80	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 4	Amendment No. 1, 10 April 2015 to AIS 004 (Part 3)
81	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 4	ECE-R10 Rev.5.0 Annex 10
82	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity against transient disturbances conducted along supply lines - Pulse 4	ECE-R10 Rev.6.0 Annex 10
83	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 1	"Withdrawn" SAE J1113-11
84	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 1	"Withdrawn" SAE J1113-11
85	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 1	"Withdrawn" SAE J1113-11
86	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 1	SAE J1113-11
87	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 2a	"Withdrawn" SAE J1113-11
88	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 2a	"Withdrawn" SAE J1113-11
89	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 2a	SAE J1113-11
90	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 2b	"Withdrawn" SAE J1113-11
91	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 2b	"Withdrawn" SAE J1113-11
92	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 2b	"Withdrawn" SAE J1113-11
93	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 2b	SAE J1113-11

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94	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 3a and Pulse 3b	"Withdrawn" SAE J1113-11
95	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 3a and Pulse 3b	"Withdrawn" SAE J1113-11
96	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 3a and Pulse 3b	SAE J1113-11
97	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 4	"Withdrawn" SAE J1113-11
98	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 4	"Withdrawn" SAE J1113-11
99	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 4	SAE J1113-11
100	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 5a and Pulse 5b	"Withdrawn" SAE J1113-11
101	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 5a and Pulse 5b	"Withdrawn" SAE J1113-11
102	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Conducted Transients on Power Leads - Pulse 5a and Pulse 5b	SAE J1113-11
103	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electrical disturbances from narrowband radiated electromagnetic energy - Portable transmitters	ISO 11452-9 1st & 2nd edition
104	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electromagnetic radiation - Absorber chamber test	AIS-004 (Part-3)
105	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electromagnetic radiation - Absorber chamber test	Amendment No. 1, 10 April 2015 to AIS 004 (Part 3)
106	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electromagnetic radiation - Absorber chamber test	ECE-R10 Rev.5.0 Annex 9

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107	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electromagnetic radiation - Absorber chamber test	ECE-R10 Rev.6.0 Annex 9
108	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electromagnetic radiation - Bulk current injection test	AIS-004 (Part-3)
109	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electromagnetic radiation - Bulk current injection test	Amendment No. 1, 10 April 2015 to AIS 004 (Part 3)
110	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electromagnetic radiation - Bulk current injection test	ECE-R10 Rev.5.0 Annex 9
111	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electromagnetic radiation - Bulk current injection test	ECE-R10 Rev.6.0 Annex 9
112	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electromagnetic radiation - Stripline Test	AIS-004 (Part 3)
113	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electromagnetic radiation - Stripline test	Amendment No. 1, 10 April 2015 to AIS 004 (Part 3)
114	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electromagnetic radiation - Stripline test	ECE-R10 Rev.5.0 Annex 9
115	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electromagnetic radiation - Stripline test	ECE-R10 Rev.6.0 Annex 9
116	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Electrostatic Discharge	"Withdrawn" SAE J1113-13
117	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Electrostatic Discharge	ISO 10605 (Second Edition) (Amendment 1)
118	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to electrostatic discharge	ISO 10605 Second edition
119	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Electrostatic Discharge	ISO 10605 Second Edition (Technical Corrigendum)
120	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to Electrostatic Discharge	SAE J1113-13
121	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Immunity to magnetic fields	ISO 11452-8 Second edition
122	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Radiated broadband and narrow band electromagnetic emissions test	AIS-004 (Part 3)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
123	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Radiated broadband and narrowband electromagnetic emissions test	Amendment No. 1, 10 April 2015 to AIS 004 (Part 3)
124	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Radiated broadband and narrowband electromagnetic emissions test	ECE-R10 Rev.5.0 Annex 7 and 8
125	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Radiated broadband and narrowband electromagnetic emissions test	ECE-R10 Rev.6.0 Annex 7 and 8
126	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Radiated emissions from components/modules – ALSE method	"Withdrawn" CISPR 25 (Edition 4.0)
127	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Radiated emissions from components/modules – ALSE method	"Withdrawn" CISPR 25 (Second Edition)
128	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Radiated emissions from components/modules – ALSE method	"Withdrawn" CISPR 25 Edition 3.0
129	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Radiated emissions from components/modules – ALSE method	CISPR 25 (Edition 5.0)
130	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Radiated emissions from components/modules – Stripline method	"Withdrawn" CISPR 25 Edition 3.0
131	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Radiated emissions from components/modules – Stripline method	"Withdrawn" CISPR 25 Edition 4.0
132	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Radiated emissions from components/modules – Stripline method	CISPR 25 Edition 5.0
133	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Stripline method	ISO 11452-5 Second edition
134	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Super imposed alternating voltage	"Withdrawn" ISO 16750-2 Second edition
135	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Super imposed alternating voltage	"Withdrawn" ISO 16750-2 Third edition
136	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Super imposed alternating voltage	ISO 16750-2 Fourth edition

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INTEGRATED EMC AND RELIABILITY TESTING LABORATORY, BOSCH GLOBAL SOFTWARE TECHNOLOGIES PRIVATE LIMITED, CHIL-SEZ, KEERANATHAM VILLAGE, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 01/06/2023 to 23/05/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
137	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Test A - without centralized load dump suppression and Test B - with centralized load dump suppression	"Withdrawn" ISO 16750-2 Third edition
138	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Test A - without centralized load dump suppression and Test B - with centralized load dump suppression	ISO 16750-2 Fourth edition
139	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Voltage transient emissions test	"Withdrawn" ISO 7637-2 (Second Edition) (Amendment 1)
140	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Voltage transient emissions test	"Withdrawn" ISO 7637-2 Second edition
141	ELECTRONICS- EMC TEST FACILITY	Electronic Sub Assembly for Automobiles	Voltage transient emissions test	ISO 7637-2 Third edition