National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : UCAL KCAT LAB, KRISHNAMURTHY CENTRE FOR AUTOMOTIVE TECHNOLOGY - R&D, UCAL FUEL SYSTEMS LIMITED, 11B/2 (SP), FIRST CROSS (AMBIT PARK) ROAD, AMBATTUR INDUSTRIAL ESTATE, CHENNAI, TIRUVALLUR, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5916 **Page No** 1 of 2

Validity 17/11/2022 to 16/11/2024 **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	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automobile Components / Assembly, Electrical and Electronic items	Dry Heat test	IS 9000 (Part III)
2	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic item	Change of Temperature (Temperature Cycling)	IEC 60068-2-14
3	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic item	Damp Heat test	ISO 16750-4
4	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Change of Temperature (Temperature Cycling)	ISO 16750-4
5	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Change of Temperature (Temperature Cycling)	IS 9000 (Part14 / Section 2)
6	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Cold test	IEC 60068-2-1
7	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Cold test	IS 9000 (Part II)
8	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components / Assembly, Electrical and Electronic items	Cold test	ISO 16750-4
9	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Combined Temperature and Sine vibration	ISO 16750-3
10	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Damp Heat test	IEC 60068-2-67
11	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Damp Heat test	IEC 60068-2-78
12	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Damp Heat test	IS 9000 (Part IV)
13	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components / Assembly, Electrical and Electronic items	Dry Heat test	IEC 60068-2-2

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14	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Dry Heat test	ISO 16750-4
15	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Sine Vibration	IEC 60068-2-6
16	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Sine Vibration	IS 9000(Part 8)
17	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Sine Vibration	JIS D 1601
18	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Temperature Shock / Rapid change of Temperature with prescribed time of transfer	IEC 60068-2-14
19	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Temperature Shock / Rapid change of Temperature with Prescribed time of transfer	IS 9000(Part 14/Section 1)
20	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive Components / Assembly, Electrical and Electronic items	Temperature Shock / Rapid change of Temperature with prescribed time of transfer	ISO 16750-4