National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BHARAT FORGE LIMITED - FATIGUE TESTING LAB, MUNDHWA, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8178 **Page No** 1 of 1

Validity 23/03/2021 to 22/03/2023 **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	MECHANICAL-AUTOMOTIVE COMPONENTS	Machined crankshaft	Fully reversed crankshaft bending fatigue testing for maximum 10 million cycles (Bending moment)	BFL-TS-001
2	MECHANICAL-AUTOMOTIVE COMPONENTS	Machined crankshaft	Fully reversed crankshaft bending fatigue testing for maximum 10 million cycles (Crank pin diameter shear stress)	BFL-TS-002
3	MECHANICAL-AUTOMOTIVE COMPONENTS	Machined crankshaft	Fully reversed crankshaft bending fatigue testing for maximum 10 million cycles (Crank pin fillet strain)	BFL-TS-001
4	MECHANICAL-AUTOMOTIVE COMPONENTS	Machined crankshaft	Fully reversed crankshaft bending fatigue testing for maximum 10 million cycles (Crank pin fillet stress level)	BFL-TS-001
5	MECHANICAL-AUTOMOTIVE COMPONENTS	Machined crankshaft	Fully reversed crankshaft bending fatigue testing for maximum 10 million cycles (Torque level)	BFL-TS-002