

# ENZO RACING

## JOB OPPORTUNITY

**POSITION:** Test Engineer

**REQUIREMENTS:** Four (4) years experience as a Motorcycle Mechanic

**DUTIES:** Will diagnose, correct problems and improve performance by applying conceptual understanding of high performance motorcycle engine and chassis design and modification, computer-assisted data acquisition systems, chassis geometry and modification, electronics, fuel and exhaust system management, suspension dynamics, fuel mixtures and tire friction coefficients, constant mesh spar gearing systems, aerodynamics and thermodynamics, blueprint and schematics interpretation, design feasibility, and equipment failure diagnoses. Resolve system malfunctions and implement operating procedures. Interpretation and understanding of rider feedback and symptoms. Perform related research and development. Develop and perform acceptable bench and performance testing of existing parts and design and implement modifications where needed. Design new parts and equipment and optimize performance. Develop fabrication procedures to manufacture these parts and the equipment used to make them. Knowledge of computer data acquisition systems with familiarity in engine dynamometer systems, CAD programs, and on-board systems. Responsible for identifying and ordering motorcycle parts, especially during factory recalls, as well as, customer support. Plan and coordinate, and perform special tests including development/durability, fatigue, stress/strain, and product function. Set up vehicle with strain gauge for stress data collection. Set up and run MTS shock dyno for development testing. Mechanical ability to prepare motorcycle for all tests. Perform calibration for test equipment for accuracy, mechanical integrity, and safety. Benchmark competitive models with data collection. Has working knowledge of Japan engineering, manufacturing processes and have clear understanding of Japan materials availability, usages, related to motorcycle engineering, design and performance. Proficient in usage and understanding of Japanese test/data acquisition equipment along with analytical skills to consider results.

**TO APPLY:** Send your resume to [enzoracingkyb@yahoo.com](mailto:enzoracingkyb@yahoo.com)