

September 22, 2020

RE: Testimonial Letter for Mustang Advanced Engineering

To whom it may concern;

In 2010, Mustang installed a heavy duty, tandem axle truck/bus chassis dynamometer in our Bourns College of Engineering - Center for Environmental Research and Technology (CE-CERT) Facility. This 48" electric AC HD chassis dynamometer has dual, direct connected 300 HP AC motors attached to each roll along with a large base inertia trim weight. This dynamometer has a base inertia of 45,000 lbs. and can perform inertia simulation between 10,000 to 80,000 lbs. The dyno has the capability to absorb accelerations and decelerations up to 6 mph/sec and handle wheel loads up to 600 horsepower at 70 mph. This facility was also specially geared to handle slow speed vehicles such as yard trucks where 200 hp at 15 mph is common.

In 2020, UCR needed repairs on this dynamometer and Mustangs response was profession, quick, and efficient. We called up and with-in a day or two I had communicated my problems with technical people with solutions and ideas. They flew out from Ohio to perform a site visit of repairs and ensure no other problems were looming. They found a damaged keyway which was not obvious to CE-CERT staff, but would have cause serious damage to the laboratory if not identified soon. Mustang ordered the parts, and had them installed within a 3-month time frame. Each of Mustangs requests were handled in the most expeditions manner possible.

The dyno is back up and operational and CE-CERT could not be successful without the quick and professional service from Mustang.

Sincerely,



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