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SPECIAL PROJECT INFORMATION SHEET



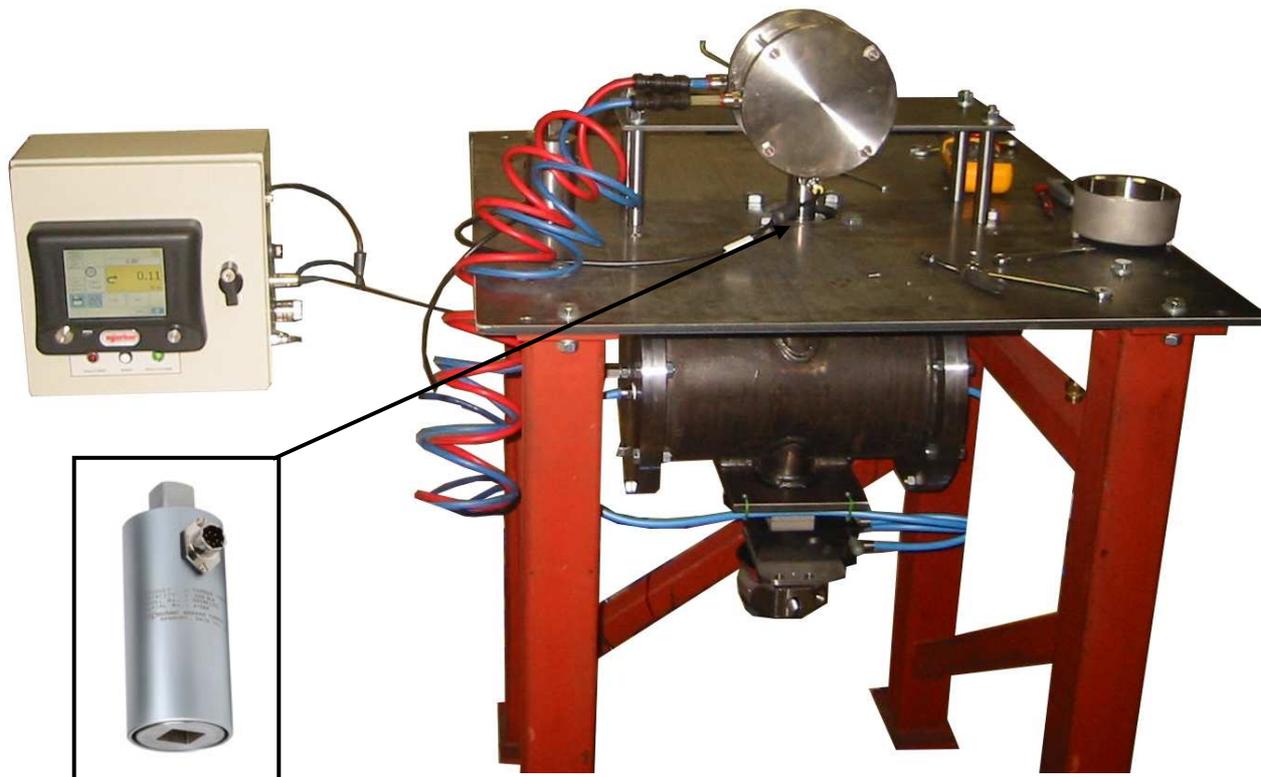
Project Description	Actuator Testing Controller & Transducer Kit		
Date created	19 January 2011	Project Number	Q2108

INTRODUCTION & APPLICATION

Valve actuator test rig requiring torque measuring equipment to capture torque vs. angle between the master actuator and the actuator under test.

SOLUTION

500 N.m & 100 N.m static torque transducers to fit between the customer's master and test transducers. Special controller incorporating a T-Box & PLC to capture the transducer torque reading vs. the angle reading from customer's angle transmitter in clockwise & counter-clockwise directions. The test is run in a continuous manner so that the actuator is cycled between closed at 0° and open at 90°



TECHNICAL SPECIFICATION/DATA HIGHLIGHTS

Controller torque vs. angle output data can be downloaded to a PC with Excel via Norbar TDMS software and configured in graphical format.