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 Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

THE KUPFERLE FOUNDRY COMPANY
 2511 North 9th St
 St. Louis, MO 63102

December 10, 2010
 Lab No. 10P-4341
 P.O. No. verbal Robert
 Invoice No. 128095
 Page 1 of 1

Attention: Robert Galvin

REPORT OF MECHANICAL TESTS

SAMPLE ID: Wrench

SUBJECT: Torque To Failure (Per Client's Instructions)

TEST PROCEDURE:

Test was performed on the above parts using a CDI Torque Load Cell S/N 0610032429 calibrated and traceable to the NIST.

LOAD FAILURE	LOCATION/TYPE OF FAILURE
777 ft-lbs.	Twisted Shaft Body

Identification of tested specimens provided by the client.



KS/tlv

Karl Schmitz, Director
Materials Testing



Certificate No. 0397-01
 Certificate No. 0397-02

AN OFFICIAL COPY OF TEST REPORT WILL BE PROVIDED BY THIS LABORATORY ON REQUEST.
 NOT OFFICIAL WITHOUT THE RAISED SEAL OF ST. LOUIS TESTING LABORATORIES, INC.
 SEE REVERSE FOR CONDITIONS.

