

The Senior Theses

Electrical Engineering Department

Determination of the Temperature Coefficient and Resistivity of Aluminum, Copper, and Iron.
WALTER J. SANDERS HARRY M. WHEELER

Design of a High Tension, Low Head, Hydro-Electric Power Station.
ARTHUR D. QUACKENBUSH

Design of a High Tension, High Head, Hydro-Electric Power Station, Substations, and Transmission Lines.

LEE BOYD JONES

EARL WESTON JONES

MILTON V. STAGG

Design of a Polyphase Generator.
MILLARD GILMORE

Effect of Quality and Color of Surface on Light Absorption.
ALFRED LEROY EUSTICE

Oscillographic Study of Wave Forms of Magnetic Generators, Their Efficiency and Magnetic Characteristics.

RUDOLPH A. MORRISON

DAVE LURVEY

WILLIAM H. REKER

Investigation of the Action of a Synchronous Motor by Means of the Oscillograph.
FRANK WALTER SLEEZER WALLACE WILLIAMS ARTHUR ALLEN KELKENNEY

Electrically Operated Interlocking Signal Plant.
JOHN EARL SAUNDERS

Predetermination of Power Plant and Substation Load Curves for Electric Roadways.
THOMAS ALLEN BANNING, JR.

Test of Induction Wattmeters with Reference to E. M. F., Temperature, Frequency, and Power Factor.
CHARLES SUMNER HENNING, JR. ELMER JACOB SIGWALT

Design of a Gas Engine Power Station.
J. SHEPARD SMALLEY

Efficiency Test of a 1,100 K.W. Air Blast Transformer by Calorimetric Method.
EDWARD A. BLUMENTHAL HUGH IRWIN ROWE

Investigation of a High Tension Electrical Control Connections and Apparatus.
FREDERICK MEYNELL STURGESS FRED CLARKE

Magnetic Qualities of Various Samples of Iron and Steel.
RAYMOND BARTLETT WENDELL EDWARD JOHN WOLFE

Design of a High Tension Electric Transmission Line.
ALFRED LEONARD KUBITZ

Oscillographic Study and Test of Mercury Arc Rectifiers.
EDGAR EVERETT CAMPBELL JOSEPH CHARLES HAIL

Mechanical Engineering Department

Efficiency Test of a Four Cylinder, Four Cycle, 20 H. P., Automobile Gasoline Engine.
CLARENCE URLING SMITH

Test of an Ados Carbon Dioxide Recorder.
JOHN LEE EHRETSMAN

Efficiency and Capacity Test of a 350 H. P. Stirling Boiler Equipped with a Chain Grate.
WILLIAM SMITH FURRY JAMES CHAPMAN MATCHETT

Effects of Improper Valve Setting on the Operation of the Corliss Engine.
THEODORE WACHS CLARENCE EARLE KILGORE MALCOLM S. MACDONALD

Design and Test of a Suction Gas Producer Pressure Regulator.
SIDNEY CHARLES SINGER GLENN B. DUNMORE