CE3105 Mechanics of Fluids Laboratory
Department of Civil Engineering
Texas Tech University

Experiment: Two-Stage Centrifugal Pump Characteristics - Data Sheet
Date of Experiment: .... ,Name:...................
Experimental Data:
Temperature of water, $T=$ celsius
Water density, $\rho =$ (lb/ft^3)
Gravity, g= 32.2 (ft/s^2)

Single pump Test:

P_2	P_3	P_4	ΔP	Torque	Pump 1 Speed (N_1)	W_1	H	Q	W_2	η

Instructor's Signature

Series pump Test:

P$_2$	P$_3$	P$_4$	Δ P	Torque (1)	Torque (2)	Pump 1 Speed (N$_1$)	Pump 2 Speed (N$_2$)	Pump1 W$_1$	Pump2 W$_1$	H	Q	W$_2$	η

Parallel pump Test:

P$_2$	P$_3$	Avg. Inlet Pressure	P$_4$	Δ P	Torque (1)	Torque (2)	Pump1 Speed (N$_1$)	Pump2 Speed (N$_2$)	Pump1 W$_1$	Pump2 W$_1$	H	Q	W$_2$	η

Instructor's Signature _____