

Date.....

Test No.

TIME	CO ₂	CO ₂ + O ₂	O ₂	CO ₂ + O ₂ + CO	CO	N	REMARKS

LOG SHEET NO. 5

Date.....

Test No.....

No.	TIME	RINGELMANN CHART	No.	TIME	RINGELMANN CHART	REMARKS

PUMPS FOR HEATING AND VENTILATING EQUIPMENT

INTRODUCTION

1. Boiler feed pumps.
2. Condensation return pumps.
3. Return line vacuum heating pumps.
4. Sump pumps.
5. Forced circulation hot-water heating pumps.
6. Circulating pumps for water brine, etc.
7. Refrigeration pumps and compressors.

For Boiler Feed Pumps—the load factor, temperature of the intake water, static head on the pump intake, total pressure against which the pump must discharge, steam pressure available for steam driven pumps, provisions for emergency and breakdown service, method of control; as to whether pumps should be steam, electric or power driven, depending upon the relative first costs and economies taking into consideration the possibilities of the use of the exhaust from steam driven pumps and any difference in the cost of labor and attention required.

For all other Pumps—the service to be performed, loads and load factors, emergency and breakdown service, methods of driving and methods of control.

Standards for Condensation to be Handled—The quantities of condensate