

Date.....

Test No.....

Detailed Record of Gas Analysis

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

LOG SHEET NO. 5

Date.....

Test No.

Smoke Readings

[illegible]

CHAPTER VII

PUMPS FOR HEATING AND VENTILATING EQUIPMENT

INTRODUCTION

1. The great increase in the number of large buildings.
2. The increasing use of electricity for industrial purposes together with the development of reliable motor driven pumps, and
3. The desire to eliminate high pressure boiler plants where steam is used only for heating purposes.

It is as an aid to the proper determination of pump ratings and capacities, therefore, that the following information is given.

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.

1. Direct acting steam driven reciprocating pumps.
2. Power driven reciprocating pumps.
3. Centrifugal pumps.
4. Screw pumps.

Material for this section especially prepared for THE GUIDE by Perry West, Newark, N. J., and R. H. Carpenter, New York.