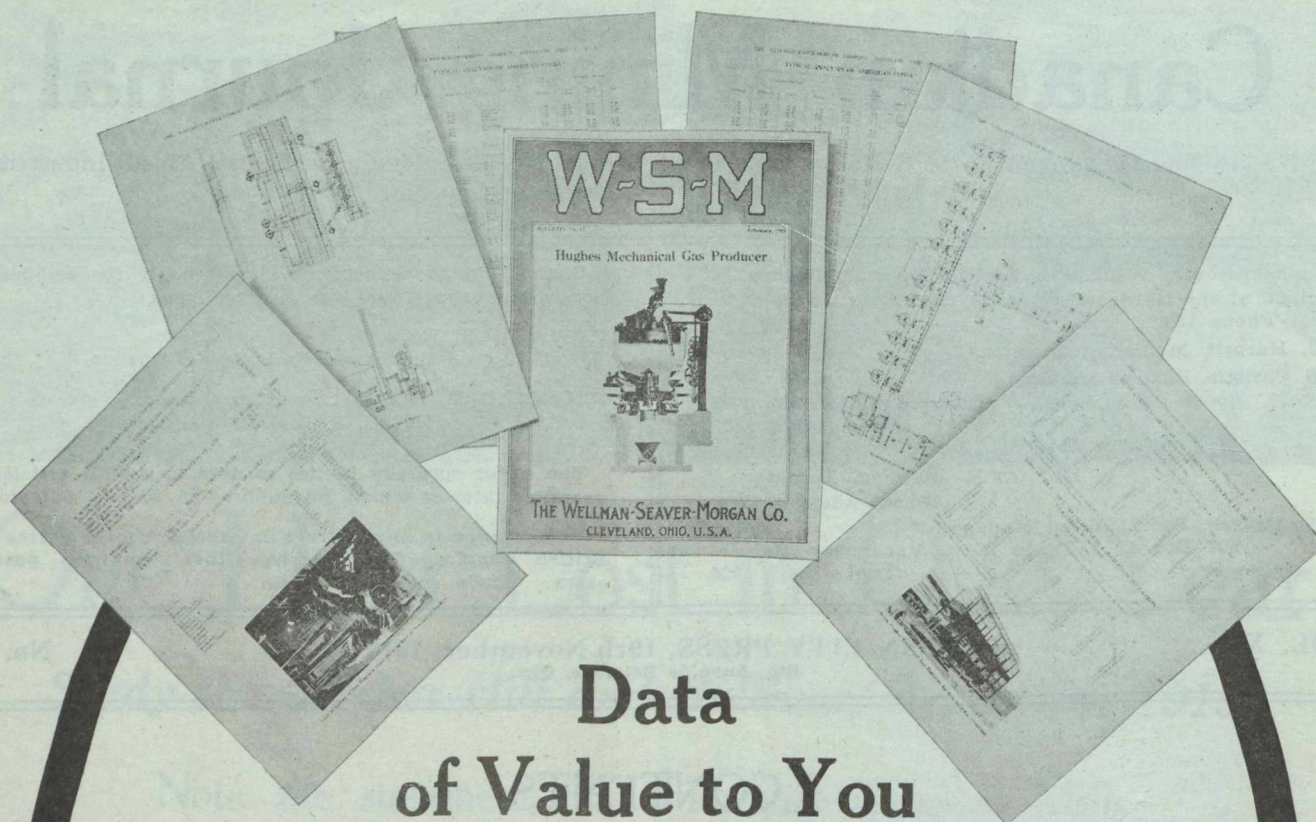




Data of Value to You

In preparing our new twenty-two page Gas Producer Bulletin, we took the opportunity to gather under one cover the engineering data of value in the installation and operation of a Gas Producer Plant.

The tables and drawings shown above are typical of the ones included. Some of the subjects treated are:

Analyses of all American Coals.

Heating Value of Gases and Hydrocarbon Liquids in the State of Gas. The Volume and Weight of Oxygen or Air Necessary to Burn One Pound of Various Elements, Together with the Products of Combustion.

The Volume of Oxygen and Air Necessary to Burn One Cubic Foot of Certain Gases Together with the Products of Combustion.

Combustion Data General Efficiencies of Furnaces.

Composition of Air.

Metric Equivalents.

Density and Weight of Gases.

Layout for Open Hearth Steel Plant.

General Layout of Gas Flues for Gas Producer Plant.

Heat Carried Away By Dry Chimney Gases per Pound of Combustible.

Loss of Heat Due to Incomplete Combustion of Carbon to Carbon Monoxide.

Chart for Determining Theoretical Flame Temperatures.

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