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A MATTER FOR CONSIDERATION.

In these days we pride ourselves on our scientific knowledge. It is a scientific age. Yet we sit in public buildings and have our eyesight destroyed by most unscientific lighting. Churches are notable for this. We sink into a cushioned seat and blink at an immense chandelier of light.

To be sure, this is being slowly rectified—but far too slowly for the credit of the scientific age. When it is shown that good lighting—good for the people's eyesight—can be secured cheaper than poor lighting, some person sits up and takes notice. But not always can good, scientific lighting be obtained cheaper, or as cheap, as the poor variety. Then the value of eyesight drops, and the value of the "almighty dollar" advances.

This is a subject worthy of the thoughtful consideration of all responsible for the lighting of public buildings.

A MAN WITH A GREAT WORK.

In another part of this issue is an article by Thomas D. West, asking for data concerning the underlying causes of accidents in foundries and other departments of manufacturing plants.

Mr. West is a foundryman. He has seen many accidents happen in the foundry. He has taken up a life work of doing something to eliminate accidents in the foundry. Being a foundryman, he naturally starts with the foundry.

At the convention of the American Foundrymen's Association in Toronto, through the efforts of Mr. West, a committee was appointed to investigate the causes for accidents in the foundry. Mr. L. L. Anthes, Toronto Foundry Co., president of the A.F.A., is Canadian representative to this committee.

The first step in the prevention of accidents is to gather data showing the underlying causes. Such data forms a basis upon which to work.

It is this, first step, the gathering of data, that the committee are now engaged in. Forms have been sent out to manufacturers in Canada and the United States for this purpose. These forms can be secured from L. L. Anthes, Toronto Foundry Co., if any of our readers have not already received one.

The work of this committee is a great one. It deserves the hearty co-operation of all manufacturers. It is only by securing the deep interest of the manufacturer in this work, that good, reliable data can be secured. Unreliable or misleading data would be worse than none.

WHAT IS AND WHAT IS TO COME.

We have received many complimentary letters and remarks about our new plan of four specialized editions each month, and each edition has come in for its share of goodwill. We ourselves are proud of our efforts, but by no means satisfied.

The changes have naturally been costly. Nothing good is produced for nothing. We have devoted very considerable effort to it. But we will not stop here. We hope to spend more—a great deal more. Our efforts will increase.

At present the organization of the new scheme is like a machine on its first run. It hasn't found a bearing. It takes an abnormal amount of power, and an abnormal amount of lubricating. But, like the machine, the organization will soon find a bearing. Things will soon run smoothly. Then we will have means and effort available for steady improvement.

The present issue contains some timely articles. Here are some of them:

The Industrial Education Movement is reaching a climax. We publish in this issue an article giving a synopsis of what has been done and an idea of the present situation.

The making of steel in the electric furnace is something with a future ahead of it. We publish an article illustrating how soft steel has been made in electric furnace in a commercial way by a Canadian Company. We illustrate a sample of the steel.

In the past few years, steel castings, malleable castings and forgings for manufactured parts, have been waging warfare against one another. This issue contains an article dealing in a comprehensive way with up-to-date practice in the respective use of these for various purposes.

Hints as to the handling of men are always welcome to an employer. Well written articles on such a subject always command attention. The article in this issue, "The Science of the Pay Envelope," is of absorbing interest. There are several other timely articles of no less interest and value.

As to what we are doing for future issues! Let us just give one instance. Cylindrical grinding and disc grinding are becoming greater and greater factors in manufacturing. The grinder is no longer merely a machine for putting a fine finish on a piece of work. It has assumed its place among the tools that do work—that remove metal. Experiments have been conducted in several Canadian shops with grinding machines. We have in course of preparation for the Machinery Edition an article dealing with these experiments, supplemented with data and information gathered from various other sources. We have great hope of this being an article of great value to many of our readers.