

in pig irons, or iron ores, and do you ever find phosphorus in them?

Eighth. Are all your determinations made by the same method, or do you check your work by reference to another method, and if so, what method do you use for this purpose?

Ninth. How many determinations do you make a day in your laboratory under ordinary circumstances?

Tenth. What do you consider the greatest length of time necessary to obtain a result, permissible in your work?

The sub-committee begs that you will send at the earliest possible moment as full replies to all or any of the above questions as you conveniently can, and assures you that in making use of any details that may be original with you, you shall have full credit. You will likewise be furnished with copies of the various reports.

CHAS. B. DUDLEY.

*Chairman Sub-Committee,*

APPROVED,

J. W. LANGLEY,

*Chairman Com. on Int. Standards.*

ALTOONA, PA.

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### ERRATUM.

In the column showing percentages for the No. 2 steel on page 219 this number, *0.041* should read *0.048*.