

GRAVER

CLARIFIERS
WATER CONDITIONERS
CHEMICAL PROCESS EQUIPMENT

CABLE ADDRESS:
GRATANK

GRAVER TANK & MFG. CO., INC.

BENTLEY'S
FULL PHRASE

EAST CHICAGO, INDIANA, U.S.A.

May 1, 1942

Inland Steel Company, Inc.
Wheelwright, Kentucky

ATTENTION: Mr. L. S. Becker, Superintendent
Buildings & Grounds

Gentlemen:

In reply to your letter of April 29th regarding your swimming pool equipment, please be advised that you are correct in your assumption that for a maximum filter rate of 167 GPM the reading on the manometer gauge of the rate of flow indicator, should be at graduation 3.

You also state in your letter that on our operating sheet, we refer to backwash valve No. 7, and that on your installation the valve is No. 5. There is no way that we can check from this office as to whether the number on the valves on the actual installation agree with the valve numbers as shown on the operating instructions, and we, therefore, recommend that you follow the numbers on the operating instructions as a guide only. If you have certain numbers on the valves on the actual installation, naturally, it would be advisable to change the numbers on the operating instruction sheet to correspond with the actual numbers on the equipment.

You should not worry as to what pressure should be obtained to determine whether or not the filters are operating properly, as the rate of flow indicators are provided to determine whether the filters are operating at the proper rate or not. Each of the filters should operate at the rate of 3 gallons per sq. ft. per minute, which corresponds to a reading 3 on the rate of flow indicator. In the event that you cannot get this rate through the filters then it may become necessary to throttle the outlet valve No. 2.

When the filters are cleaned, the differential register between the unfiltered water and filtered water pressure gauges will be very slight, and when the filters require backwashing, the differential pressure will be approximately 5# per sq. inch. In other words, whenever you obtain a differential pressure between the inlet and the outlet of the filter of 5# per sq. in ch, the filter should be backwashed.

We would be pleased to send you additional copies of operating instructions for your equipment, but in that several copies were mailed to you, when this equipment was originally installed, we do not have additional copies in our files, and it would be necessary for you to mail your copies to us and we shall be glad to make additional copies for you.

As yet your formal order for the two glass tubes and packing rings has not been received, and as soon as we receive same, we shall forward these tubes to you as soon as possible.

Very truly yours,

GRAVER TANK & MFG. CO., INC.

E. E. Seddig
E. E. Seddig

RES:jk

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