

RBC SERVICES UPDATE

RBC Services
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RBC TECHNOLOGY... THE REST OF THE STORY

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Of the hundreds of RBC plants personally visited, most of the operators said how lucky they thought they were not to have had any RBC main shaft failures. The real truth is, *over 95%* of the RBCs in operation ***have not experienced any shaft failures.***

The problem is that the success stories are never heard. It was the relative few that got all the press. It is true that failures did occur, but there are reasons why they did...reasons that were never explained. And, the vast majority of those failures were experienced with some of those produced prior to 1978 by only one particular manufacturer.

The shafts produced after 1978 for that type RBC now enjoy an operating success rate of over 99%. That equates to quality equipment for a reliable process. RBCs remain one of the most dependable forms of treatment today. The problem is that the myths surrounding RBCs have not been cleared away.

Many plant designers today have only *heard* of the problems and are not aware of their causes, or the improvements made to both the equipment and its application. Most RBC plant operators would not want anything but RBCs. And why not? They perform well under most any adverse condition, including shock loads - hydraulic or organic, are easy to maintain and use less energy than most any other process.

The main problem was when RBCs were initially installed in the early 1970's, there was no form of weight control as protection. It was learned a few years later that the control of biomass thickness was the key to longevity. The combination of the process and weight control assures years of trouble free operation and protects the investment the equipment represents.

The reason for distributing this particular UPDATE reflects the confidence we have in today's equipment and the RBC process overall. In addition, we hope that you feel a bit more comfortable about your plant and its operations.

We also want you to know that should you have any questions regarding the operating history of your particular RBCs and the problems which may have occurred in the past and why, we are confident that those answers can be provided.

Because we are proud of our reputation within the RBC industry, we have enclosed our Mission Statement by which we conduct our business. It reflects our position and dedication to the owners and operators of RBCs throughout North America and around the world.

In case you may have missed the article which appeared in Water Engineering & Management in the past (RBCs-Past, Present & Future), a copy for your review is in Issue 2, 1996. It describes some of the difficulties experienced with RBCs and what has been done to improve the equipment and the process.

As always, if you ever have any questions regarding your RBC plant operations, maintenance, repairs or replacement equipment and want the straight answers you expect and deserve, we are as near as your phone to help in any way possible. Just give me a call.