

NO ONE LEARNS ABOUT CENTRIFUGES IN COLLEGE

Almost any knowledge about centrifuges is difficult, filtered as it is through the mouth of sales persons. Nearly all of your knowledge is based upon limited experience. All of the players who know centrifuges in detail sit across the table from you. You need an expert on your side. I can help.

Evaluation of the Facility

Can These Centrifuges be Saved?
Will an upgrade help?
Brokering Surplus Equipment

Procurement Support

Advise on Scale Up
Qualifying Bidders
Proposal evaluation
Checking References
installations

Commissioning Support

Contract Compliance
Coordinating Systems
Supporting you!
Witnessing Testing
Evaluating the Vendor's reports

Third Party Evaluation

Dispute resolution, contract
Compliance

Expert Witness

Dispute resolution
with the legal
profession involved

Bill Reilly Sr. of Reilly Associates in Portland said "Pete's the guy from Sharples that knows the how and why of centrifuge operation, design, and repair"

Problems engineers often encounter in practice are numerous. Typically, Mechanical, Electrical, Process, People and pre legal disputes.

Mechanical problems are usually excessive vibration, frequent failure of some element, or problems in disassembly or repair. Fortunately, these problems nearly always have a solution, and it's an investigative process to sort them out.

Electrical problems tend to be mechanical failure, or programming ills. A local electrical specialist can usually find the former, an expert is often needed need to correct these.

Process problems can be upstream of the centrifuge building. It's important to understand how the material to be dewatered was generated. For example, if adding fine screens upstream can cause a reduction in average particle size, and difficulties in dewatering. Surprisingly even the factory people do not set the centrifuge up properly, so that it is not matched to the material to be dewatered.

People problems are also common. Vendors do not have competent people to send on site. Sometimes the vendors do not work together, point fingers at one another, and the job languishes. At these times you may need someone to take charge, and fix problems with the various systems, to make the parts function as a whole.

Pre-legal disputes sometime arise, where one party feels that others have not done their part, and thus all of his problems can be blamed on non performance of others. An expert is often useful in determining which problems are in fact attributable to failings by others, and which are problems are solely the responsibility of the vendor.

Expert Witness I hope you don't have to get lawyer involved, but if you do, I have experience as an Expert Witness.