

PERSON IN FOCUS!



PETER NILSSON

Job/Position: Global QA Manager - Grinding Mills

Family: Wife and two grandkids (Alexander and Jared)

Hobbies: Fishing, Cricket, Football - All Sports

How long have you been with Outotec: 30 years. I had my own company before that so I've been in the industry for a while!

What three words would you choose to best describe yourself? 1. Committed to the job 2. Hardworking
3. Take the job seriously but not life in general

How do you prepare before meeting a client on-site?

I like to take counsel from anyone who has the expertise on the particular problem or project build. Sometimes that means talking to quite a few engineers to gather information and relevant documentation. I've come across practically every challenge on a mill over my long career. So this experience is my main resource! - backed by photos or drawings from previous projects as a supporting reference.

Tell us about a challenging job and how you handled it?

A couple of years ago, I was approached by a customer as they were in a major dilemma about their SAG mill gearbox that needed to be replaced. A new gearbox would be a 3 month lead time and the only spare gearbox onsite was too big. This job was also in a remote location.

After extensive discussions between the customer's engineering department, I proposed a solution that would require a major change in the customer's current mill arrangement. We would take full control over the whole job in this very challenging timeline.

We did a full drive train removal, moved the drive train out by 75mm and placed it back into alignment. We had to make new gearbox bases, remodel the foundation, bore all holes down, remove a damaged discharge end head, change out the trunnion hydrodynamic slipper bearings. Additionally, we had to reverse the ring gear, replace all liners, build up new pinion bearing assemblies and couplings, completely rebuilt a new lubrication system for the gearbox using spares in the bone yard and all completed within a 2 week timeframe. We worked very closely with the customer on this job, they were extremely supportive and cooperative. Despite the very short timeline and multiple challenges with this project, we were able to come up with solutions relatively easily.

This saved the customer 3 months waiting time for a new gearbox and 10's of millions of dollars.

What do you like most about your job?

Being involved with design changes and helping others fix issues on site. During the customer job mentioned above, I woke up a colleague in Norway in the middle of the night. He did the drawings for the gearbox baseplate from my sketches within 24hrs. The customer can now use that same gearbox on all the mills at this site (SAG and ball mills). I also enjoy training my younger colleagues.

TO DISCUSS FURTHER PLEASE CONTACT:
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