

TANK TUNEUPS:

Keep Your Classifier Running At Maximum Productivity

Classifying systems are designed to be trouble-free. But because your classifier runs so well every day, you might tend to overlook preventive care until something wears out. Simple, routine maintenance will keep your tank running at its best, because while it seems your tank is running just fine, your stockpile could be telling a different story. What are some best practices for regular classifying system maintenance? On a daily, monthly and annual basis, you should be doing the following:

Daily

- Check outside of tank for leaks
- Check that water supply valves are set correctly
- Check for leaks in valves
- Check for holes in the screen or rocks jumping from screen onto valve bridge or into tank
- Check fuses in panel (if blown, these can indicate solenoid damage or a system short)

Monthly

- Drain tank and check each valve for proper stroke and seating (i.e., does it open, does it leak?)
- Check to make sure bindicator (sensing) paddles are attached and turning
- Check all connectors between valve rods, bindicators and hydraulic cylinders
- Check hydraulic system (hydraulic pressure, oil level, look for leaks)

Yearly

- Change hydraulic oil and filters (use a filling tube with a strainer to regulate flow and keep debris out of oil reservoir)
- Replace worn valves or seats
- Check solenoids (especially at stations 1, 2 and 3)
- Level the weirs

Classifier Controllers: Basic Daily Electrical Maintenance

- Check fuses and replace as necessary
- Check panel lights and replace as necessary
- Check cable and power connections

Tear Here



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