

Routine inspections are critical to maintaining process efficiency, prolonging equipment life, and preventing unnecessary downtime. FEECO recommends drum inspections be conducted at a minimum of annually, depending on the specific demands of the operation.

[Annual inspections](#) are the best way to catch potential problems before they have a chance to escalate. FEECO offers annual inspections for all of our equipment, as well as for other brands of equipment.

WHAT AN ANNUAL DRUM INSPECTION LOOKS LIKE

A FEECO Customer Service Engineer will visit your site in order to observe the equipment both in operation, as well as while shut down, depending on the type of equipment.

The Customer Service Engineer will do a walk-through, examining all components and any areas where problems could potentially occur. On-site operators and maintenance personnel are encouraged to attend the inspection, to become more familiar with the equipment and to provide valuable feedback. The Customer Service Engineer can perform minor adjustments to correct the system, including:

- Drum Training/Trunnion Wheel Skewing
- Thrust Roller Positioning
- Gear Mesh/Backlash
- Chain Tension

Once the inspection is complete, the Customer Service Engineer will provide a detailed report, giving an overall picture of health, any components that are in need of repair, and items to keep an eye on. These reports serve as a record, providing insight into future maintenance and troubleshooting.

AFTER THE INSPECTION

Upon completion of the inspection, the FEECO Customer Service Team can work with you to address any items that need immediate repair or replacement.

We can also develop a long-term service plan customized to your unique needs, including routine maintenance, mile marker services, and even stocking spare parts to minimize unnecessary downtime.

Annual inspections provide an easy way to help prolong equipment life and prevent downtime.

Contact us today to set up your annual inspection!

An Annual Rotary Drum Inspection Covers the Following Components:

- Drum Shell
- Drum Drive
- Drum Tires and Wheels
- Trunnion Bases
- Thrust Rollers
- Riding Ring/Girth Gear
- Inlet Breeching/Feed Chute
- Discharge Breeching/Discharge Chute
- Drum Internals (Refractory, Flights, etc.)
- Burner/Combustion Chamber
- Support Structure/Piers
- Drum Seals
- Knocking Systems

SIGNS THAT YOUR EQUIPMENT IS IN NEED OF AN INSPECTION:

A few signs can indicate that a piece of equipment is in need of repair and should be inspected immediately. This might include:

- Chattering, vibrational noises, or other audible abnormalities
- Visual abnormalities or indications of wear
- Unexplainable process inefficiency

Those with multiple drums at the same site can benefit from FEECO [Monthly Dynamic Inspections](#)—high-level inspections for monitoring running conditions and wear points that may be causing maintenance issues.