

How Can You Get Better Performance and Longer Life From Your Roll?

REAL EXAMPLES FROM REAL PEOPLE:

"PRG is an excellent strategic partner with their experienced and professional people. We know we can depend on PRG for high-quality work and excellent service. Such a high comfort level is valuable to us."

David A. Robinson,
Area Maintenance
Supervisor – Wickliffe Paper
Mill, NewPage Corporation
Wickliffe, KY



By putting your rolls through PRG's 24-Point SpecCheck™

Did you know that many rolls sent out for service come back out of specification? When a roll doesn't meet your specifications, it may not be immediately obvious to you. The roll will still work, but sooner or later, it will cause issues with your production process. That's why it's so important to make sure your roll is ground to spec before you use it.

With PRG's 24-Point SpecCheck™, your roll goes through 24 quality checkpoints to ensure it meets spec, giving it a longer life and a higher quality output.

What do we check during SpecCheck™?

1. CYLINDRICAL PROFILE

We test how close your roll is to a true cylinder (not conical).

2 & 3. ROLL FACE DIMENSIONAL

We check for diameter and length.

4. PROFILE DEVIATION

We determine how your actual profile differs from your target profile (continuous, typically reported in 21 equally spaced stations).

5. DIAMETER DEVIATION

We confirm where matched diameter is required.

6. CONCENTRICITY

This is the measure of the distance between the center of rotation of the bearing seats and the center of rotation of the roll face.

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7-13. TOTAL INDICATED RUN-OUT

This is measured at:

- Both bearing seats
- Both set-up diameters
- Each end of the roll face
- Center of the roll face

14-16. ROUNDNESS OF THE ROLL FACE

We measure the roll face at its center and both ends to determine how close it is to a perfect circle.

17 & 18. BEARING SEAT DIMENSIONAL

We check for diameter and geometry.

19. HARDNESS OF ROLL FACE

20. SURFACE FINISH OF ROLL FACE

21 & 22. SIDE FACE RUN-OUT

Both sides are checked where applicable.

23 & 24. PERPENDICULARITY

Where applicable, we check:

- Side face to bearing seats
- Side face to roll face

Never use another roll without a SpecCheck™. Call PRG at 610-395-6966 or visit precisionrollgrinders.com.

