Pearson
Talent Solutions

COGNITIVE ASSESSMENTS

Mechanical Reasoning



Help your organization solve problems, understand systems, and keep operations moving

Based on the **Bennett Mechanical Comprehension Test®, BMCT™**. Mechanical Reasoning helps you identify individuals who can apply physical principles, understand mechanical concepts, and solve real-world problems. It provides a precise view of how people interpret and act on mechanical information—so you can build teams that keep your business running efficiently and safely.

In today's workplace, success often depends on how well people understand physical systems, identify how things work, and solve practical problems. From operating equipment to troubleshooting processes, strong mechanical reasoning skills are essential across technical and hands-on roles.

Mechanical Reasoning Benefits

- **Short –** Approximately 25 minutes (55 items)
- **Measures mechanical reasoning ability,** a key predictor of performance in technical and operational roles
- **Highly reliable, predictive scores** backed by decades of research
- **Adaptive testing technology** adjusts to ability level for greater precision
- **Engaging experience** that supports focus and confidence
- **Enables confident hiring and development decisions** for roles requiring mechanical aptitude

Our Mechanical Reasoning assessment measures the following:

1 **Understanding of Physical Principles**
Applying concepts such as force, motion, energy, and gravity to practical situations

2 **Mechanical Problem Solving**
Identifying how components work together and diagnosing issues in systems

3 **Spatial and Mechanical Visualization**
Understanding how parts move, interact, and function within a system

4 **Cause-and-Effect Reasoning**
Predicting outcomes based on changes to mechanical conditions or variables

5 **Tool and Equipment Comprehension**
Recognizing how tools and machinery operate and selecting appropriate uses

6 **Practical Decision Making**
Using mechanical knowledge to make safe, efficient, and effective decisions on the job



Languages

English
French
Dutch
Korean
French Canadian
Spanish (European and Latin American)

Norms

Role- or industry-based norms (where available)

The Mechanical Reasoning assessment is based on Bennett Mechanical Comprehension Test®, BMCT™. Measure crucial abilities required for highly technical roles with the Bennett Mechanical Comprehension Test, the world's most trusted mechanical aptitude assessment.

Take the next step

Pearson helps enterprises build future-ready workforces through integrated talent assessment, talent development, and talent verification solutions. With global reach and expertise in AI and learning sciences, Pearson enables organizations to identify strengths today and develop the talent they need for what's next.

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