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## Mechanical Reasoning DAT for PCA

**Name** John Sample

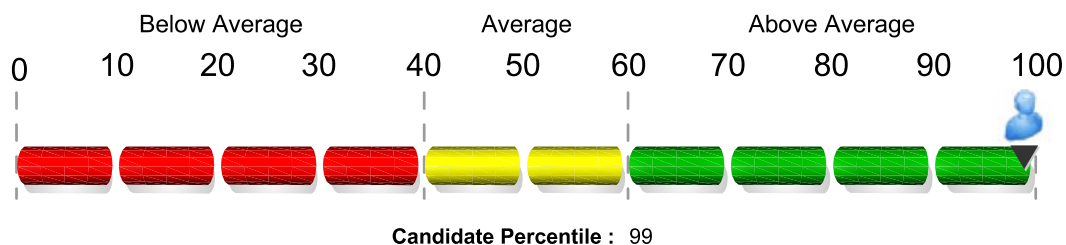
**Date of Testing** 09/17/2007

**Organization** Pearson Sample Corporation

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### Performance

#### Norm Group: 12th Grade Students



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### Score Interpretation

John Sample obtained a total raw score of 44 out of 45 possible points on the DAT for Mechanical Reasoning test.

John Sample achieved a score higher than or equal to 99% of a representative sample in the norm group indicated above. This individual is likely to excel in tasks that require an understanding of the principles of physical forces and mechanical elements in practical situations. Specifically, in comparison with other individuals from the specified norm group, this individual is likely to:

- possess or obtain an in-depth understanding of physical principles and laws and their application.
- install complex devices or equipment in a manner that meets or exceeds specifications.
- quickly and accurately diagnose complex problems involving machinery or equipment.
- make repairs that rarely or never require rework.
- possess a broad level of mechanical expertise that can be applied across several roles or functions.
- be recognized as an expert or “go-to” person for his or her mechanical expertise.
- learn new or unfamiliar mechanical concepts quickly.

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## Skills and Abilities Assessed by the DAT for PCA Mechanical Reasoning Test

The Mechanical Reasoning test measures the ability to understand basic mechanical principles of machinery, tools, and motion. The focus is on simple principles that involve reasoning as opposed to specific knowledge. Mechanical reasoning predicts success in positions that require the ability to apply principles of commonly encountered physical forces.

*Note.* The Differential Aptitude Tests for Personnel and Career Assessment should never be used as the sole basis for making an employment decision. For more information on best practices for using test scores in selection decisions, please consult the *Differential Aptitude Tests for Personnel and Career Assessment Manual*, the *Uniform Guidelines for Employee Selection Procedures*, the *Standards for Educational and Psychological Testing*, or the *Principles for the Validation and Use of Personnel Selection Procedures*.