

# CMRA

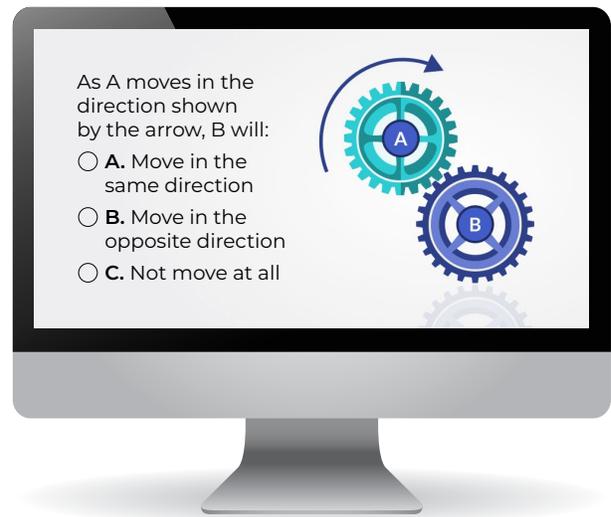
## Criteria Mechanical Reasoning Assessment

### Measures:

- ✓ Ability to learn how to operate, maintain, install, and repair equipment and machinery

30 Questions

Estimated Time: 15 minutes



Answer: B

The Criteria Mechanical Reasoning Assessment (CMRA) measures a candidate's mechanical aptitude and reasoning ability. The CMRA is a short, mobile-friendly test that can predict performance for occupations involving the operation, maintenance, and servicing of tools, equipment, and machinery. Reading level for the CMRA is estimated to be at the sixth-grade level, and the content is designed to minimize gender and racial/ethnic bias that can occur in other traditional mechanical aptitude tests.

### Vince Sample

Position: Sample Test Portfolio  
 Test Date: June 5, 2023  
 Test Event ID: ABC-D1Fg-2H3i-jklmN | Test Ver: 1.0



APTITUDE TEST

#### Criteria Mechanical Reasoning Assessment

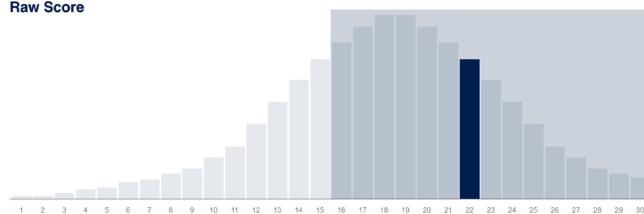
The CMRA measures a subject's mechanical aptitude. The test can predict performance for occupations that involve the operation, maintenance, and servicing of tools, equipment and machinery.

#### Results Summary

22  
Raw Score

60  
Percentile

#### Raw Score



Selected  
Score Range



Service Technician  
Suggested Range: 16-30

In Range

#### Results Details

Vince Sample achieved an overall score of 22, which means Vince answered 22 questions correctly. This corresponds to a percentile rank of 60, meaning Vince scored better than 60% of the people who have taken this test.

#### Score Explanation



##### High Range Scores (Above 80th Percentile)

People with higher test scores can generally learn and do mechanical jobs better than people with mid or low range scores. They are more likely to pick up training faster than those with lower scores.



##### Low Range Scores (Below 25th Percentile)

People with lower mechanical ability may be able to do many mechanical jobs, but may require more training and may take longer to pick up on job skills.



##### Mid-Range Scores (25th to 80th Percentile)

People with mid-range scores can generally learn

## Score Report Data That Helps You Hire

Each report provides powerful information in an intuitive and easily understandable format.

What you'll find:

- 1 **RAW SCORE:** Questions answered correctly
- 2 **PERCENTILE:** A performance metric indicating performance relative to others
- 3 **SCORE RANGES:** Recommended by position

Results are instant – view your candidates' score reports as soon as they finish the assessment.

Research shows that cognitive aptitude is one of the most accurate predictors of job success:

**1.6x** more than interviews  
**4x** more than experience



## Aptitude as a Predictor of Performance

Research shows that cognitive aptitude is one of the most accurate predictors of job success: 1.6x as predictive as job interviews and 4x as predictive as experience.

## Scientifically Validated

The CMRA has been extensively validated, demonstrating that the test is highly predictive of job performance for a wide variety of jobs that require the operation, maintenance, and repair of equipment and machinery. During the validation process, extra care was taken to reduce adverse impact along gender lines, and the test has demonstrably less adverse impact than other mechanical aptitude tests.

## Seamless Test-Taking Experience

The CMRA is a brief assessment that is optimized to be taken anytime, anywhere. The assessment provides a quick and seamless test-taking experience on any device.

## Top Positions That Use CMRA

- ✓ Machine Operators
- ✓ Electricians
- ✓ Construction Workers
- ✓ Field Service Technicians
- ✓ Mechanics