hr avatar
Illuminating Talent

Candidate:	**Betty Penske**
Assessment:	Abstract Reasoning
Completed:	September 1, 2024
Prepared for:	Susan Bookman
	HR Avatar Data Collection Account

Test Results and Interview Guide

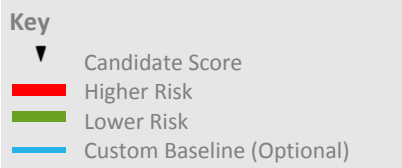
The Abstract Reasoning assessment measures key factors related to high performance and tenure in this job. Attribute types measured vary by test, but can include cognitive ability, skills, knowledge, personality characteristics, emotional intelligence, and past behavioral history. This report includes a one page summary, followed by detailed results with an embedded interview guide. Note that these results should always be used as a part of a balanced candidate selection process that includes independent evaluation steps, such as interviews and reference checks.

Proprietary and Confidential

Overall

Candidate	Score	Interpretation
Betty Penske bettypenske@yourcompany.org Abstract Reasoning September 1, 2024	92	

Indicates a high level of abstract reasoning ability.



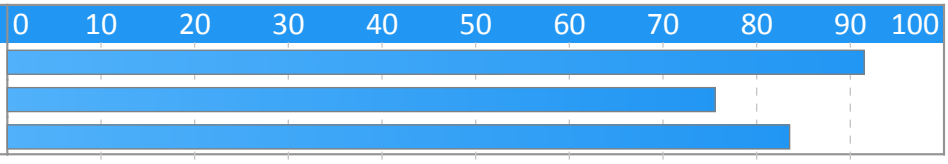
Competency Summary

Competency	Score	Interpretation
Cognitive Abilities (relates to job performance, problem-solving, ability to learn, etc.)		
Abstract Reasoning	92	

Comparison

Percentile scores indicate how the candidate compares to other test-takers within various groups. The candidate scored equal to or better than the fraction of test-takers indicated by the percentile.

Test-Taker Group	Percentile
Global	92nd
United States	76th
HR Avatar Data	84th



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Detail

Candidate:	Betty Penske, bettypenske@yourcompany.org
Assessment:	Abstract Reasoning
Authorized:	September 1, 2024, by Susan Bookman, HR Avatar Data Collection Account, sue.bookman@richardson.biz
Started:	August 31, 2024, 8:58:03PM EST
Completed:	August 31, 2024, 8:58:03PM EST
Overall Score:	92

Cognitive Abilities Detail

This section contains a list of job-related cognitive abilities that have been evaluated in a job-like context using simulation technology. Studies have demonstrated that cognitive abilities are highly correlated with job performance for many jobs. Abilities also correlate with problem-solving and the ability to learn quickly.

Detail

Abstract Reasoning

Score: 92

Description:

The ability to understand complex concepts and make sense of shapes and patterns.

Interpretation:

High scores in this area correlate with superior performance for many jobs.

The candidate's score in this area indicates that the candidate has significantly above average abstract reasoning ability.

Interview Guide

Describe what abstract reasoning means to you? How can that knowledge be applied at work?

1	2	3	4	5
Candidate is unable to provide an explanation and does not have an example.		Candidate is able to provide an explanation but does not have an example.		Candidate is able to provide an explanation and has at least one example.

Do you think the ability to understand and apply complex concepts is important to the role you are applying for? How would you rate your ability to solve a problem through logic?

1	2	3	4	5
Rating doesn't correspond well with their score. Does not think the ability to understand and apply complex concepts is important to their role.		Rating doesn't correspond well with their score. Acknowledges the importance of understanding and applying complex concepts in their role.		Rating corresponds well with their score. Acknowledges the importance of understanding and applying complex concepts in their role.

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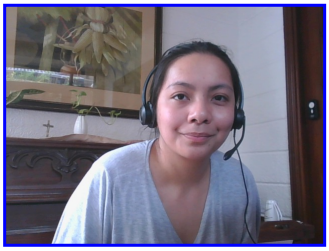
Identity Confirmation Photos

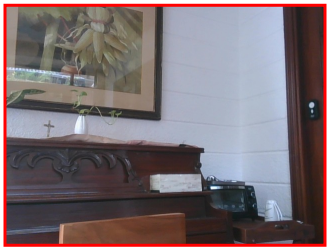
The following photos of the candidate and any identification were uploaded during the assessment session.

Photo Analysis Results	
- Risk:	Medium risk of cheating based on image inconsistencies
- Percent match among processed faces	100%
- Total images processed	17
- Total images with valid faces	14 (82%)
- Total pairs of faces compared	13
- Pairs in which faces matched	13 (100%)



Pre/Post-Test Photo

ID Photo



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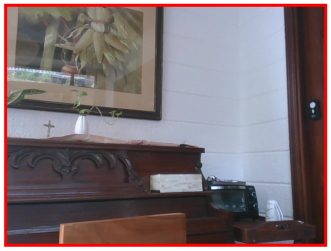

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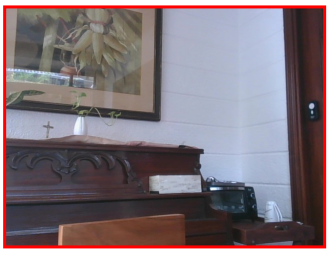
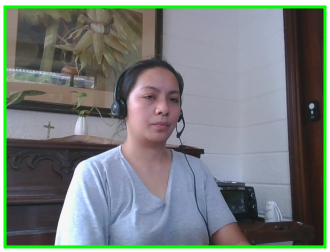


In-Test Error Detected (No Face Detected)

In-Test Photo



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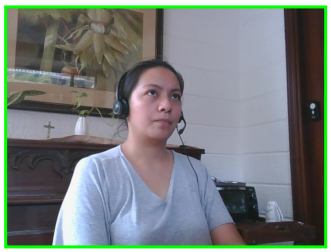

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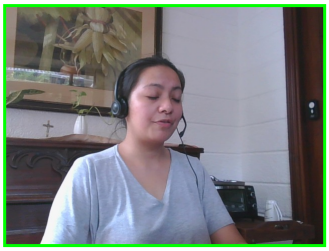
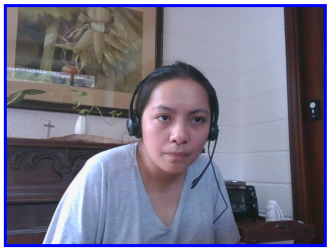


In-Test Photo



Pre/Post-Test Photo

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Report Preparation Notes

- Hiring decisions should never be based on a single source of information. The most effective use of this assessment report is as a part of a multi-faceted program of candidate evaluation that includes resume review, interviews, and reference checks.
- Overall vs Percentiles Scores: The overall score reflects the success in the test, based on the mean (average) and standard deviation of the test scores. The percentile score reflects the percentage of test-takers who scored equal or below this overall score. We recommend you use the Overall Score as your primary evaluation criteria. However, percentile scores can often be useful in comparing specific candidates against one another and with a group, such as for test takers in a certain organization or within a certain account.
- Note that comparison information is calculated based on completed instances of this assessment at that time the assessment is scored. As additional instances are completed, the comparative data may change. You can always update a report to the current values by clicking on 'Recalculate Percentiles' within the online results viewing pages at www.hravatar.com.
- Most competency scores are norm-based, which means that they can be interpreted in terms of their distance from the average or mean score. For all scales, a score equal to the mean receives a score of 65 and scores above and below this value are set so that a score change of 15 equals one standard deviation.
- For linear competencies, higher is better across the entire scale. For these scales a score between 65 and 80 (light green) represents 0 to 1 standard deviation above the mean and a score above 80 (dark green) represents more than one standard deviation above the mean. Similarly, a score of 50 - 65 (yellow) represents 0 to 1 standard deviation below the mean, while a score of 35 - 50 (orange) equates to 1 to 2 standard deviations below the mean, and a score below 35 represents more than 2 standard deviations below the mean.
- Sim ID: 14133-1, Key: 0-0, Rpt: 68, Prd: 5142, Created: 2024-09-01 01:58 UTC
- UA: Mozilla/5.0 (Windows NT 6.3; Trident/7.0; Touch; rv:11.0) like Gecko

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Score Calculation Detail

The following table provides a summary of how the overall score was calculated from the individual competency scores. Competency scores are calculated on a 0-100 scale by first calculating a Z statistic based on test-taker responses and then transforming the Z value to a scale with target mean and standard deviation. Certain competencies have a normal score distribution where it is best to be closest to the mean. For these competencies we modify the Z statistic by multiplying its absolute value by minus 1 for the overall score calculation. Next, to calculate the overall score, a weighted average of all modified competency Z statistics is computed and this weighted average is itself transformed to a Z statistic, which is then transformed to a score with the same target mean and standard deviation. Finally outlier scores are adjusted if they are below 0 or above 100.

Competency	Score	How applied to overall	Score Value Used	Weight (%)
Abstract Reasoning	92.2277	Z-Statistic	1.8152	100.0000
Weighted Average of Competency Z-Scores:				1.8152
Mean applied to Raw Weighted Avg:				0.0000
Standard Deviation applied to Raw Weighted Avg:				1.0000
Normalized Raw Score:				1.8152
Mean:				65.0000
Standard Deviation Used:				15.0000
Final Overall Score:				92.2277

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Notes

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