HR AVATAR™
EMPLOYMENT TESTS

Candidate:	**Betty Penske**
Assessment:	Basic Cognitive & Behavioral Assessment - Entry Level
Completed:	April 26, 2024
Prepared for:	Susan Bookman HR Avatar Data Collection Account

Test Results and Interview Guide

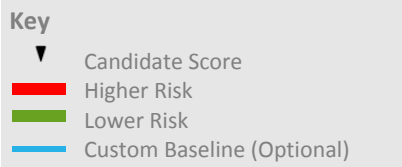
The Basic Cognitive & Behavioral Assessment - Entry Level assessment measures key factors related to high performance and tenure in this job. Attribute types measured vary by test, but can include cognitive ability, skills, knowledge, personality characteristics, emotional intelligence, and past behavioral 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 Basic Cognitive & Behavioral Assessment - Entry Level April 26, 2024	82	

Summary: High Performance Potential



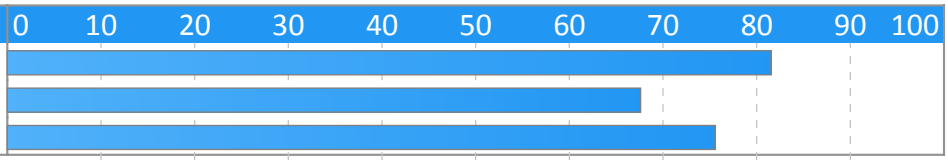
Competency Summary

Competency	Score	Interpretation
Cognitive Abilities (relates to job performance, problem-solving, ability to learn, etc.)		
Analytical Thinking	87	
Attention to Detail	70	
Behavioral History (relates to performance and turnover)		
History Survey - Performance	81	
History Survey - Tenure	77	

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	82nd
United States	68th
HR Avatar Data	76th



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Assessment Overview

This assessment provides scores for a number of important factors and competencies that are related to success on the job. Scores are presented based on their potential impact on job performance.

Scores are presented individually on a scale of 0-100. In most cases, including the overall score, higher scores represent higher expected job performance. However, for some competencies, either extreme low or extreme high scores indicate a risk of lower performance. Refer to the interpretation section of each competency for additional information.

Individual competency scores are also combined into a single overall score. Please note that individual competencies are weighted differently, depending on their type, and on fine adjustments based on data from the US Government's Occupational Data Network (O*Net).

Each competency measured includes one or more suggested interview questions, in an easy-to-use format. These questions should be used for additional probing, especially when the score shows an area of relative weakness.

Some of the competencies measured evaluate preferences for doing (or not doing) specific activities. Scores for these competencies can be used to evaluate job-fit.

We wish to emphasize that the data contained in this report should be used as part of a comprehensive process for evaluating job candidates. Additional data should include in-person interviews, job tryouts, resume review, and background checks.

Detail

Candidate:	Betty Penske, bettypenske@yourcompany.org
Assessment:	Basic Cognitive & Behavioral Assessment - Entry Level
Authorized:	April 26, 2024, by Susan Bookman, HR Avatar Data Collection Account, sue.bookman@richardson.biz
Started:	April 25, 2024, 8:09:13PM EST
Completed:	April 25, 2024, 8:09:13PM EST
Overall Score:	82

Cognitive Abilities Detail

This section contains a list of job-related cognitive abilities that have been evaluated in a job-like context using HR Avatar's 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	Interview Guide
Analytical Thinking Score: 87 *Description:* This scale indicates the capacity to think in a thoughtful, discerning way, to solve problems, utilize resources, and analyze data. Individuals who demonstrate high amounts of analytical thinking are able to recognize patterns rapidly, navigate through problems, and resolve difficult problems systematically. *Interpretation:* High scores in this area correlate with superior performance for many jobs. Able to think in a thoughtful, discerning way. Can often solve difficult problems, plan many-featured tasks and projects, organize multiple resources, and analyze complex data. Able to quickly recall and use information when needed or appropriate.	Tell me about a complex problem, situation, or planning task you had to deal with. What were the challenges, and how did you overcome them? 1: Example lacks complexity. Data seeking is limited, analysis may be lacking, actions unclear, not relevant, or ineffective. 2 3: Example is moderately complex. Shows some analytical thinking and problem solving. Actions have mixed or limited effectiveness. 4 5: Example shows complexity. Thorough investigation of all areas that might affect the decision. Actions are clear, relevant, and effective.

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Detail	Interview Guide
Attention to Detail Score: 70 *Description:* This scale represents thoroughness, accuracy, and being concerned for all areas involved no matter how insignificant. Individuals who demonstrate high Attention to Detail produce work products that are consistently accurate and require little checking. They rarely forget schedule commitments or overlook even the smallest details. *Interpretation:* Strong scores in this area correlate with above average performance for many jobs. Usually able to achieve a high degree of thoroughness and accuracy in a work task. Concerned for most areas involved. Requires only occasional oversight and checking.	Give me an example of a time you discovered an error that had been overlooked by either you or someone you were working with. What did you do? What was the outcome? 1 — Unclear or careless example. Can't describe what was overlooked. No action. 2 3 — Moderately clear example. Some concern for details. Direct but passive action. 4 5 — Very detailed. Concern for all relevant components. Clear, proactive actions.

Behavioral History Detail

This section evaluates answers the candidate gave concerning his or her work-related history. Studies often show that a candidate''s past behavior often indicates his or her future behavior. Potential caution areas (if any) are specified in each detail section.

Detail	Interview Guide
History Survey - Performance Score: 81 *Description:* Evaluates elements of the candidate's past work and education history to identify indications of high or low performance potential. *Interpretation:* The candidate's score indicates past behaviors that contribute to high job performance. Exhibits past behaviors and achievements that are likely to enhance job performance. The following potential performance risk areas were identified: • Below average productivity history • Below average performance reviews Further probing is recommended for each of these items.	How does your work compare with your peers? Do you produce more or less? How do you know? 1 2 3 4 5 What kind of feedback have you received about your performance from your managers and your peers? 1 2 3 4 5

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Detail	Interview Guide
History Survey - Tenure Score: 77 *Description:* Evaluates a candidate's past employment history and related factors for indications of potentially low job tenure. *Interpretation:* The candidate's score indicates past behaviors that contribute to above average job performance. Exhibits behaviors likely to result in slightly longer than average job tenure. The following potential performance risk areas were identified: • Frequent job changes • Potential long commute Further probing is recommended for each of these items.	Review your last few jobs with me, explaining why you left the old job and what attracted you to the new one. ☆ 1 ☆ 2 ☆ 3 ☆ 4 ☆ 5 _____ What is the longest distance you have had to commute to work? What did you do during the commute? How long did you keep that job? ☆ 1 ☆ 2 ☆ 3 ☆ 4 ☆ 5

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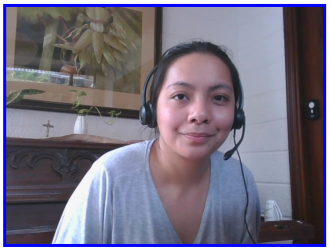
Identity Confirmation Photos

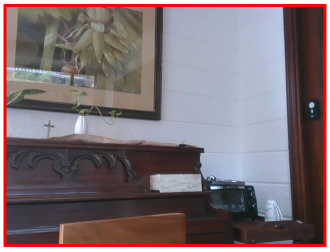
The following photos of the candidate and any identification were uploaded during the assessment session.

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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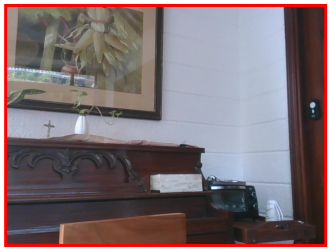

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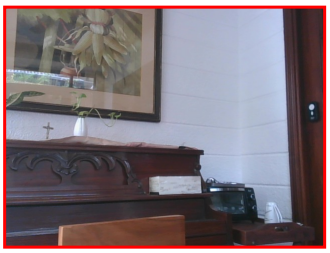

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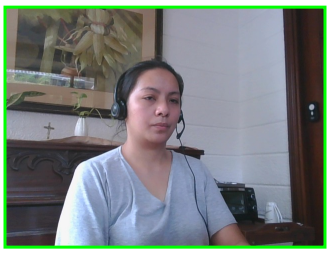
In-Test Photo



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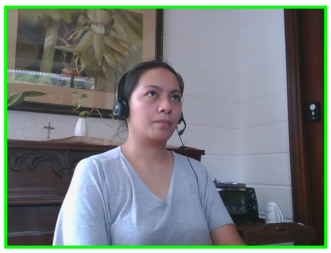

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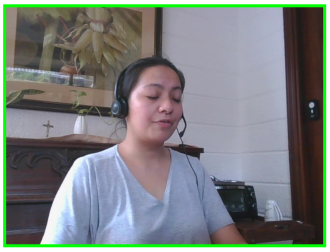

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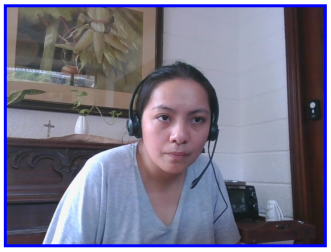

Pre/Post-Test Photo

Minimum Qualification Guidelines - from O*Net

The following are suggestions from O*Net, the United States government's occupational information network, regarding prerequisites for this job type.

Item	
Educational Achievement	High School
Job-Related Training	Less than 6 Months
Job-Related Experience	Less Than 1 Year

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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.
- This assessment makes use of data from the Occupational Information Network (O*NET), which is funded by the U.S. Federal Government - U.S. Department of Labor/Employment and Training Administration (USDOL/ETA) - as a primary source of occupational information. The O*NET database contains information on hundreds of standardized and occupation-specific descriptors that are continually updated by ongoing research. These data are used in preparing descriptive information as well as setting relative weights between competencies used in calculating the overall score. For additional information about O*NET, visit http://www.onetcenter.org.
- O*Net Standard Occupational Code (SOC) Used: 51-9195.00
- O*Net Version: 26.3
- Sim ID: 2801-11, Key: 0-0, Rpt: 13, Prd: 1445, Created: 2024-04-26 01:09 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 (%)
Analytical Thinking	87.0122	Z-Statistic	1.4675	28.3490
Attention to Detail	70.5563	Z-Statistic	0.3704	31.0024
History Survey - Performance	81.8075	Z-Statistic	1.1205	20.3243
History Survey - Tenure	77.0019	Z-Statistic	0.8001	20.3243

Weighted Average of Competency Z-Scores:	0.9212
Mean applied to Raw Weighted Avg:	0.3589
Standard Deviation applied to Raw Weighted Avg:	0.4764
Normalized Raw Score:	1.1805
Mean:	65.0000
Standard Deviation Used:	15.0000
Final Overall Score:	82.7074

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Notes

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