

Candidate: **Betty Penske**
Assessment: Electrician
Completed: May 10, 2024
Prepared for: Susan Bookman
HR Avatar Data Collection Account

Test Results and Interview Guide

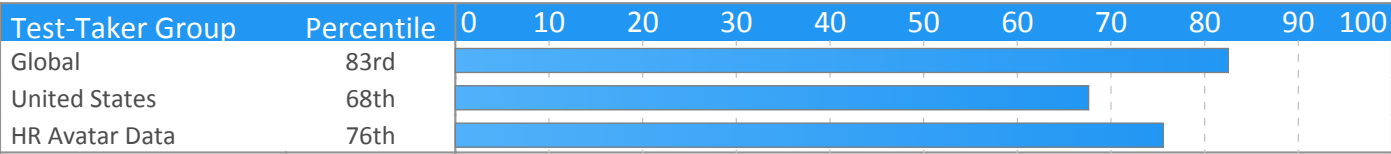
The Electrician assessment measures key factors related to high performance and tenure in this job. Attribute types measured vary by test, but can include cognitive ability, skills, knowledge, personality characteristics, emotional intelligence, and past behavioral history. This report includes a one 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.

Candidate	Score	Interpretation
Betty Penske bettypenske@yourcompany.org Electrician May 10, 2024 Summary: High Performance Potential	83	<div><p>Key</p><ul style="list-style-type: none">▼ Candidate ScoreHigher RiskLower RiskCustom Baseline (Optional)</div>

Competency	Score	Interpretation
Cognitive Abilities (relates to job performance, problem-solving, ability to learn, etc.)		
Memory / Attention to Detail / Logic & Reasoning	88	
Skills/Knowledge (relates to immediate readiness)		
Basic Physics	96	
Circuits	85	
Electrician Fundamentals	91	
Gears and Pulleys	76	
Spatial Reasoning	66	
Tools	84	
Personality Characteristics (relates to fit with the job/team environment)		
Adaptability / Flexibility	95	
Conscientiousness	75	
Reliability	72	
Service Orientation	81	
Behavioral History (relates to performance and turnover)		
History Survey - Performance	65	
History Survey - Tenure	79	
Emotional Intelligence (relates to situational judgment, performance and teamwork)		
Empathy and Emotional Self-Control	94	

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.




Detail

Candidate: Betty Penske, bettypenske@yourcompany.org
Assessment: Electrician
Authorized: May 10, 2024, by Susan Bookman, HR Avatar Data Collection Account, sue.bookman@richardson.biz
Started: May 10, 2024, 2:59:19PM EST
Completed: May 10, 2024, 2:59:19PM EST
Overall Score: 83

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
<p>Memory / Attention to Detail / Logic & Reasoning Score: 88</p>  <p><i>Description:</i> This scale reflects how successful a person is at making sense of facts through logical reasoning. High scorers understand causes and consequences by interpreting a given situation and predicting its outcomes. They are able to remember details and take action accordingly. Low scorers may burn out or become paralyzed. In more stable circumstances, high scorers may become bored, while low scorers would remain satisfied. This scale also represents thoroughness, accuracy, and being concerned for all areas involved no matter how insignificant. Individuals who demonstrate high Attention to Detail produce work that is consistently accurate and require little checking. They rarely forget schedule commitments or overlook even the smallest details.</p> <p><i>Interpretation:</i> High scores in this area correlate with superior performance for many jobs.</p> <p>High scores in memory, attention to detail and logic indicate the candidate can learn quickly, recall information promptly, solve problems, and adapt to changing conditions rapidly. This usually means the candidate can be expected to respond appropriately to challenging situations with little or no supervision.</p>	<p>Can you give me an example of where your attention to detail or your thoughtful analysis of a situation helped make a project successful?</p> <div><div>★ 1</div><div>★ 2</div><div>★ 3</div><div>★ 4</div><div>★ 5</div></div> <p>Poor example. Does not show attention to detail or analytical ability.</p> <p>Moderately relevant or impactful example.</p> <p>Strongly relevant and clear example.</p> <hr/> <p>How do you handle a situation when you've messed up due to overlooking an important detail?</p> <div><div>★ 1</div><div>★ 2</div><div>★ 3</div><div>★ 4</div><div>★ 5</div></div> <p>Is unable to handle the situation.</p> <p>Demonstrates the ability to admit to their error and quickly fix the error but didn't put preventative systems in place.</p> <p>Demonstrates the ability to admit to their error, put preventative systems in place, and quickly fix the error.</p>

Knowledge and Skills Detail

This section contains a list of job-related knowledge areas and skills that have been evaluated. Low scores in these areas often indicate that additional learning may be required before top performance can be achieved.

Continued on next page.

Detail	Interview Guide
<div>Basic Physics Score: 96</div> <div></div> <div><p><i>Description:</i> Covers fundamental concepts of basic physics including velocity, momentum, mass, and leverage.</p><p><i>Interpretation:</i> Candidate should achieve superior job performance in this area with little or no training.</p><p>The candidate's score demonstrates a solid working knowledge of basic physics.</p></div>	<p>Have you ever taken a class in physics? Can you describe a time when your basic understanding of mass or momentum came in handy at work?</p> <div><div> 1 No training. No application of physics.</div><div> 2 Basic High School Class. Some application in workplace.</div><div> 3 Higher level high school class or college-level class. Clear example of application.</div><div> 4</div><div> 5</div></div>
<div>Circuits Score: 85</div> <div></div> <div><p><i>Description:</i> Basic understanding of electricity and how electrical circuits function.</p><p><i>Interpretation:</i> Candidate should achieve superior job performance in this area with little or no training.</p><p>The candidate's score demonstrates a high level of knowledge of circuits.</p></div>	<p>Have you ever had any training in electrical circuits? Can you describe a project where you had to use them?</p> <div><div> 1 No training. No project.</div><div> 2 Basic training during High School.</div><div> 3 Formal training. Professional application.</div><div> 4</div><div> 5</div></div>
<div>Electrician Fundamentals Score: 91</div> <div></div> <div><p><i>Description:</i> Evaluates the candidate's knowledge of the principles and practices used in electrical work, with an aim to determine the degree of training that will be required before the candidate can be expected to become productive.</p><p><i>Interpretation:</i> Candidate should achieve superior job performance in this area with little or no training.</p><p>Scores indicate a solid working knowledge of electrical work principles and practices. Candidate is likely ready to be productive without basic training or with immediate entry into advanced training. Likely to be able to mentor others.</p></div>	<p>Tell me about a project or task where your knowledge of Recruiting techniques was required for success. How did it go?</p> <div><div> 1 Example didn't require or demonstrate knowledge.</div><div> 2 Knowledge was only moderately important or moderately demonstrated in example.</div><div> 3 Clearly relevant application and demonstration of knowledge.</div><div> 4</div><div> 5</div></div>

Detail	Interview Guide
<p>Gears and Pulleys</p> <p>Score: 76</p>  <p><i>Description:</i> Covers a basic understanding of how gears and pulleys function, and how they can provide leverage when lifting or moving heavy items.</p> <p><i>Interpretation:</i> Candidate should achieve above average job performance in this area with little or no training.</p> <p>The candidate's score demonstrates a moderate to moderate level of knowledge of gears and pulleys.</p>	<p>Have you ever studied how gears and pulleys make our work easier?</p> <div><div>★</div><div>★</div><div>★</div><div>★</div><div>★</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <div><div>NA</div><div>NA</div><div>NA</div></div>
<p>Spatial Reasoning</p> <p>Score: 66</p>  <p><i>Description:</i> Covers the ability to envision a change in the spatial orientation of a three dimensional object.</p> <p><i>Interpretation:</i> Candidate should achieve above average job performance in this area with little or no training.</p> <p>The candidate's score demonstrates a moderate to high degree of spatial reasoning ability.</p>	<p>Can you describe a time when you had to envision something before it was actually built? How did it turn out?</p> <div><div>★</div><div>★</div><div>★</div><div>★</div><div>★</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <div><div>No example.</div><div>Weak example.</div><div>String example.</div></div>
<p>Tools</p> <p>Score: 84</p>  <p><i>Description:</i> Evaluates recognition of various types of tools and their purposes.</p> <p><i>Interpretation:</i> Candidate should achieve superior job performance in this area with little or no training.</p> <p>The candidate's score indicates a high degree of recognition of what various tools are used for.</p>	<p>Do you work with tools a lot? How did you get your knowledge of different tools?</p> <div><div>★</div><div>★</div><div>★</div><div>★</div><div>★</div></div> <div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <div><div>Does not work with tools.</div><div>On the job training or projects at home.</div><div>Works with tools extensively.</div></div>

Personality Characteristics Detail



This section contains a list of personality characteristics that are frequently associated with job performance. Remember, these are not skills and do not indicate the ability to do a job. Rather, they can be used to evaluate the candidate's fit with the general needs of the job and the organizational culture. Sample interview questions are provided to gather more information.

Continued on next page.

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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
<p>History Survey - Performance</p> <p>Score: 65</p>  <p><i>Description:</i></p> <p>Evaluates elements of the candidate's past work and education history to identify indications of high or low performance potential.</p> <p><i>Interpretation:</i></p> <p>The candidate's score indicates past behaviors that contribute to above average job performance.</p> <p>Exhibits past behaviors and achievements that are likely to result in above average job performance.</p> <p>The following potential performance risk areas were identified:</p> <ul style="list-style-type: none">• Below average productivity history• Below average performance reviews <p>Further probing is recommended for each of these items.</p>	<p>How does your work compare with your peers? Do you produce more or less? How do you know?</p> <div><div>★</div><div>★</div><div>★</div><div>★</div><div>★</div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <hr/> <p>What kind of feedback have you received about your performance from your managers and your peers?</p> <div><div>★</div><div>★</div><div>★</div><div>★</div><div>★</div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div>
<p>History Survey - Tenure</p> <p>Score: 79</p>  <p><i>Description:</i></p> <p>Evaluates a candidate's past employment history and related factors for indications of potentially low job tenure.</p> <p><i>Interpretation:</i></p> <p>The candidate's score indicates past behaviors that contribute to above average job performance.</p> <p>Exhibits behaviors likely to result in slightly longer than average job tenure.</p> <p>The following potential performance risk areas were identified:</p> <ul style="list-style-type: none">• Frequent job changes• Potential long commute <p>Further probing is recommended for each of these items.</p>	<p>Review your last few jobs with me, explaining why you left the old job and what attracted you to the new one.</p> <div><div>★</div><div>★</div><div>★</div><div>★</div><div>★</div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div> <hr/> <p>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?</p> <div><div>★</div><div>★</div><div>★</div><div>★</div><div>★</div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div></div>

Emotional Intelligence Detail

This section contains a list of emotional intelligence characteristics that indicate how tuned in a candidate is to his or her own emotions, and those of others, as well as the candidate's ability to control his or her behavior in light of the emotions he or she is experiencing. These traits can often impact performance in groups or teams. Sample interview questions are provided to gather more information.

Continued on next page.

Detail

Empathy and Emotional Self-Control

Score: 94



Description:

This scale reflects both the ability to sense and understand other people's feelings, feel sympathy for others, and see things from other people's point of view, and the ability to manage the desire to satisfy urges or impulses, showing restraint and managing behaviors to ensure appropriate and effective interactions with others.

Interpretation:

The candidate's score in this area should contribute to enhanced overall job performance.

Demonstrates exceptional strengths in sensing the emotional needs of others, sympathizing with other people's problems, and seeing things from other people's point of view. Likely to be very effective at demonstrating to customers or coworkers that they understand and care about them, resulting in significantly improved customer loyalty, much stronger work relationships, and noticeably reduced levels of conflict in the workplace.

Interview Guide

How well can you sense how others around you are feeling? How do you use this information when interacting with them?



1

Demonstrates that they are unable to sense how others around them are feeling.



2

Provides examples on how they are able to sense other's feelings. They don't use this to show understanding and care.



(3)



4

Provides examples on how they are able to sense others' feelings. They use this to show they understand and care about them.



5

What do you typically do when you are working closely with someone who is very upset?



1

They have an inappropriate response and don't demonstrate understanding or care.



2

They (1) have an appropriate response and (2) demonstrate understanding but unable to show the customer that they care.



3



4

They (1) have an appropriate response (2) demonstrate understanding and (3) show the customer that they care.



5

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



In-Test Error Detected (No Face Detected)



In-Test Error Detected (No Face Detected)



In-Test Error Detected (No Face Detected)



In-Test Photo



In-Test Photo



In-Test Photo



In-Test Photo



Pre/Post-Test Photo

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: 47-2111.00
- O*Net Version: 26.3
- Sim ID: 15155-1, Key: 0-0, Rpt: 13, Prd: 6000, Created: 2024-05-10 19:59 UTC
- UA: Mozilla/5.0 (Windows NT 6.3; Trident/7.0; Touch; rv:11.0) like Gecko

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 (%)
Adaptability / Flexibility	95.5451	Z-Statistic	2.0363	5.9469
Basic Physics	96.4672	Z-Statistic	2.0978	4.6771
Circuits	85.0630	Z-Statistic	1.3375	4.6771
Conscientiousness	75.4216	Z-Statistic	0.6948	6.7142
Electrician Fundamentals	91.3710	Z-Statistic	1.7581	4.6771
Empathy and Emotional Self-Control	94.3210	Z-Statistic	1.9547	7.0157
Gears and Pulleys	76.4464	Z-Statistic	0.7631	4.6771
History Survey - Performance	65.2999	Z-Statistic	0.0200	7.0157
History Survey - Tenure	79.7485	Z-Statistic	0.9832	7.0157
Memory / Attention to Detail / Logic & Reasoning	88.7372	Z-Statistic	1.5825	25.5102
Reliability	72.1085	Z-Statistic	0.4739	6.7142
Service Orientation	81.1100	Z-Statistic	1.0740	6.0044
Spatial Reasoning	66.0388	Z-Statistic	0.0693	4.6771
Tools	84.6784	Z-Statistic	1.3119	4.6771
Weighted Average of Competency Z-Scores:				1.2185
Mean applied to Raw Weighted Avg:				0.0000
Standard Deviation applied to Raw Weighted Avg:				1.0000
Normalized Raw Score:				1.2185
Mean:				65.0000
Standard Deviation Used:				15.0000
Final Overall Score:				83.2769

Notes

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