

Candidate: **Betty Penske** Assessment: Mechanic - Heating, Air Conditioning, Refrigeration (Short) July 27, 2024 Prepared for: Susan Bookman HR Avatar Data Collection Account

Test Results and Interview Guide

The Mechanic - Heating, Air Conditioning, Refrigeration (Short) 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

Score		Interpretation				
76		20	40	60	80	100
	0	20	40		50	100
	ŀ	Key				
liability.			igher Risk ower Risk		otional)	
		76 o	76 0 20 liability. C	76 ⁰ 20 40 Key Candidate 9 Higher Risk Lower Risk	76 ⁰ 20 40 60 Key Candidate Score Higher Risk Lower Risk	76 0 20 40 60 80 Key T Candidate Score Higher Risk

Competency Summary

Competency	Score			Interpr	etatior	1	
Cognitive Abilities (relates to job performance, problem-solving,	, ability to learn, etc.)						
Analytical Thinking and Attention to Detail	84						
, .		0	20	40	60	80	100
Basic Physics	89						
		0	20	40	60	80	100
Circuits	83						
		0	20	40	60	80	100
Gears and Pulleys	68						
		0	20	40	60	80	100
Spatial Reasoning	87	0	20	40	60	80	100
T = -1-	70	U	20	40	60	80	100
Tools	79	0	20	40	60	80	100
kills/Knowledge (relates to immediate readiness)		0	20	10	00	00	100
HVAC Fundamentals	67	_			T		
	0,	0	20	40	60	80	100
ersonality Characteristics (relates to fit with the job/team envi	ronment)						
Adaptability	85						
		0	20	40	60	80	100
Drive	89						
		0	20	40	60	80	100
Integrity	10						
		0	20	40	60	80	100
Resilience	91						
	07	0	20	40	60	80	100
Teamwork	97	0	20	40	60	80	100
ehavioral History (relates to performance and turnover)		U	20	40	00	80	100
History Survey - Performance	93	_					-
history survey - renormance	55	0	20	40	60	80	100
History Survey - Tenure	74						
intervention intervention	7 1	0	20	40	60	80	100



Comparison

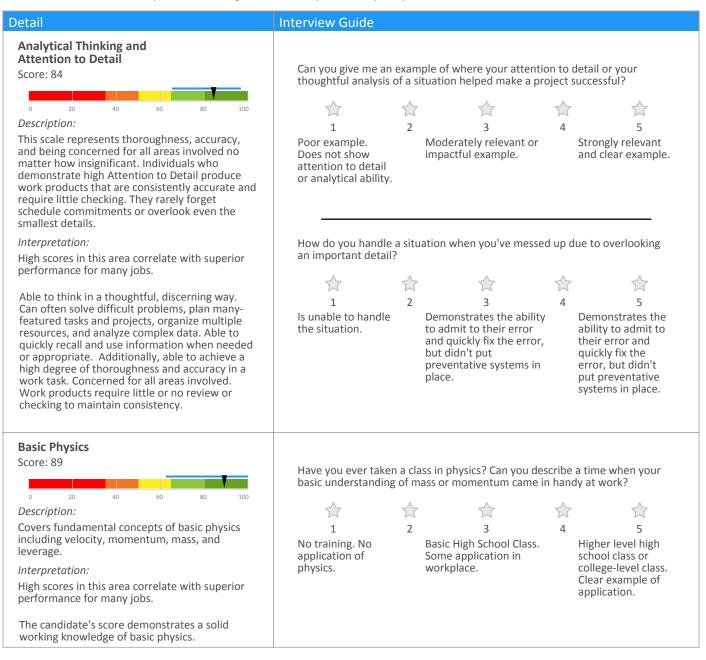
Percentile scores indicate how the candidate compares to other test-takers within various groups. The candidate scored equal to or better than the fraction of test-takers indicated by the percentile.

Test-Taker Group	Percentile	0	10	20	30	40	50	60	70	80	90	100
Global	76th											
United States	63rd								I.	I.	l	
HR Avatar Data	70th						1					

Candidate:	Betty Penske, bettypenske@yourcompany.org
Assessment:	Mechanic - Heating, Air Conditioning, Refrigeration (Short)
Authorized:	July 27, 2024, by Susan Bookman, HR Avatar Data Collection Account, sue.bookman@richardson.biz
Started:	July 27, 2024, 1:05:05AM EST
Completed:	July 27, 2024, 1:05:05AM EST
Overall Score:	76

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	Interview Guide
Circuits Score: 83 Description: Basic understanding of electricity and how electrical circuits function. Interpretation: High scores in this area correlate with superior performance for many jobs. The candidate's score demonstrates a high level of knowledge of circuits.	Have you ever had any training in electrical circuits? Can you describe a project where you had to use them? A A A A A A A A A A A A A A A A A A A
Gears and Pulleys Score: 68 Description: Covers a basic understanding of how gears and pulleys function, and how they can provide leverage when lifting or moving heavy items. Interpretation: Strong scores in this area correlate with above average performance for many jobs. The candidate's score demonstrates a moderate to strong level of knowledge of gears and pulleys.	Have you ever studied how gears and pulleys make our work easier? A A A A A 5 NA NA NA NA
Spatial Reasoning Score: 87	Can you describe a time when you had to envision something before it was actually built? How did it turn out? $ \begin{array}{ccccccccccccccccccccccccccccccccccc$
ToolsScore: 79020406080100Description:Evaluates recognition of various types of tools and their purposes.Interpretation:Strong scores in this area correlate with above average performance for many jobs.The candidate's score indicates a moderate to high degree of recognition of what various tools are used for.	Do you work with tools a lot? How did you get your knowledge of different tools? A A A A A A A A A A A A A A A A A A A



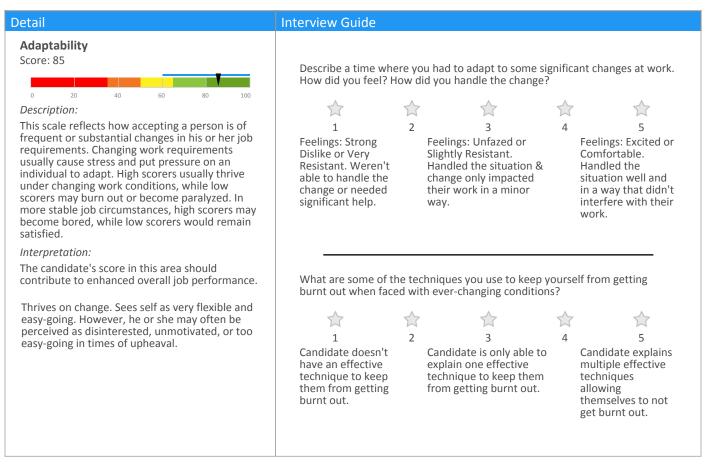
Knowledge and Skills Detail

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.

Detail	Interview Guide	9			
HVAC Fundamentals Score: 67		a project or task ccess. How did	where your kno it go?	owledge of HVA	C systems was
0 20 40 60 80 100 Description:	$\widehat{\mathbf{A}}$				
Evaluates the candidate's knowledge of Heating, Ventilation, and Air Conditioning (HVAC) principles and practices, with an aim to determine the degree of training that will be required before the candidate can be expected to become productive.	1	2	3	4	5
Interpretation: Candidate should achieve above average job performance in this area with little or no training.					
Scores indicate good working knowledge of Recruiting principles and practices. Candidate is likely ready to be productive with very little basic training or with immediate entry into advanced training.					

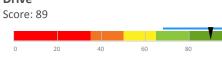
Personality Characteristics Detail

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.





Drive



Description:

This scale reflects the degree to which an individual will work hard to achieve goals and solve critical problems in the organization. High scores on this scale indicate a person will be diligent in their work and use all necessary sources to solve problems. Low scores on this scale indicate a person may be unenthusiastic about work and may struggle with complex tasks and challenges.

Interpretation:

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

Highly motivated by challenging goals and tasks, financial rewards, and/or recognition, and willing to work very hard to succeed. Very focused on understanding guidelines, following the rules and personal achievement.

Interview Guide

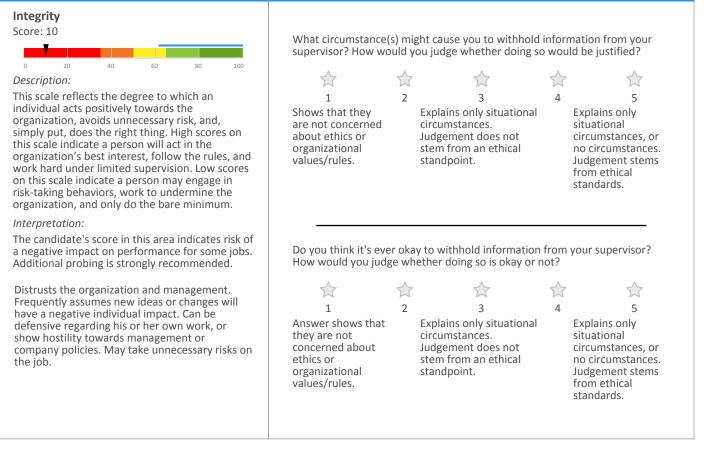
100







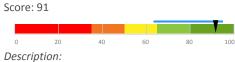
Interview Guide



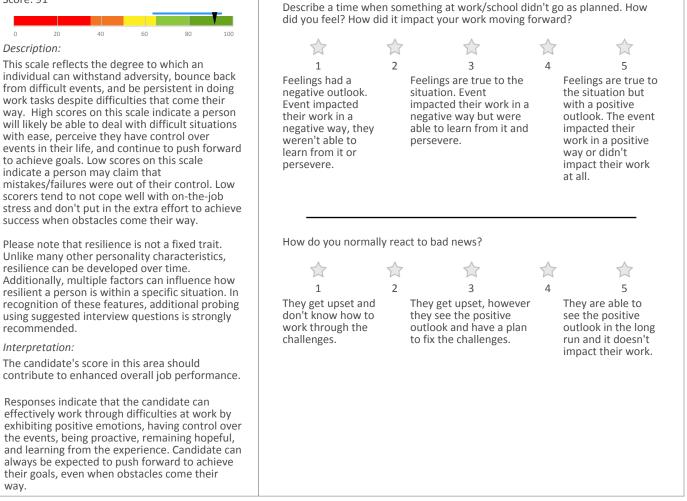


way.

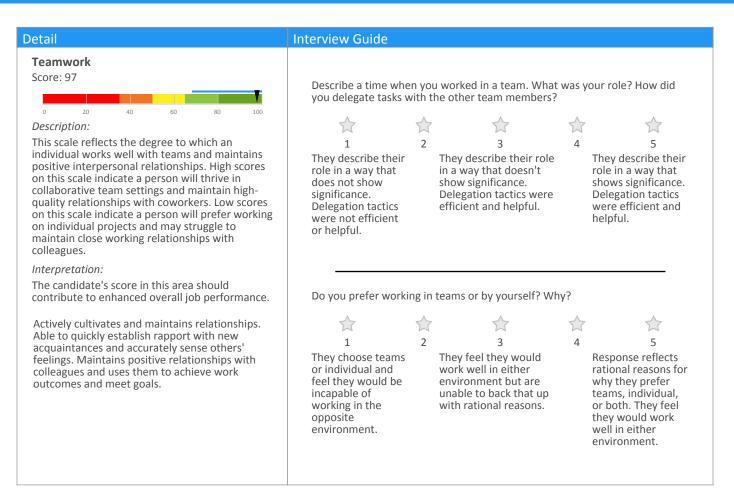
Resilience



Interview Guide

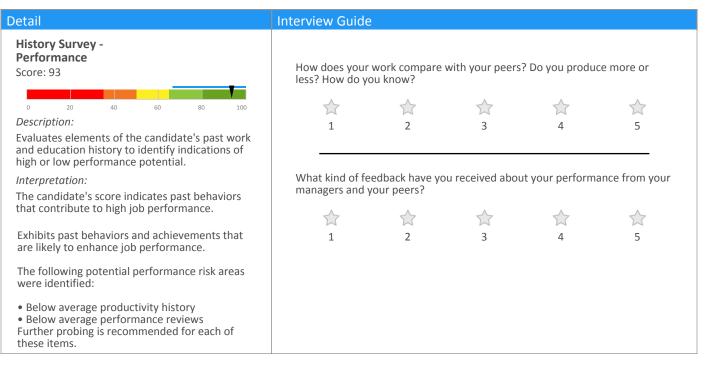






Behavioral History Detail

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.





0

History Survey - Tenure Score: 74



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.

Interview Guide

Review your last few jobs with me, explaining why you left the old job and what attracted you to the new one.

Δ		3	Δ	$\widehat{\Sigma}$
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?

\checkmark	\checkmark	\bigtriangleup	\checkmark	1
1	2	3	4	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%)

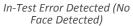




Pre/Post-Test Photo

ID Photo







In-Test Error Detected (No Face Detected)



In-Test Error Detected (No Face Detected)



In-Test 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: 49-9021.00
- O*Net Version: 26.3
- Sim ID: 15094-1, Key: 0-0, Rpt: 13, Prd: 5935, Created: 2024-07-27 06:05 UTC
- UA: Mozilla/5.0 (Windows NT 6.3; Trident/7.0; Touch; rv:11.0) like Gecko

65.0000

15.0000

76.2019

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	85.4179	Z-Statistic	1.3612	4.7824
Analytical Thinking and Attention to Detail	84.0597	Z-Statistic	1.2706	4.1586
Basic Physics	89.0409	Z-Statistic	1.6027	5.8207
Circuits	83.5863	Z-Statistic	1.2391	5.8207
Drive	89.5684	Z-Statistic	1.6379	5.0880
Gears and Pulleys	68.7544	Z-Statistic	0.2503	5.8207
HVAC Fundamentals	67.2456	Z-Statistic	0.1497	27.9394
History Survey - Performance	93.3624	Z-Statistic	1.8908	6.9848
History Survey - Tenure	74.8217	Z-Statistic	0.6548	6.9848
Integrity	10.0000	Z-Statistic	-3.6667	5.2255
Resilience	91.9038	Z-Statistic	1.7936	5.0880
Spatial Reasoning	87.6479	Z-Statistic	1.5099	5.8207
Teamwork	97.4723	Z-Statistic	2.1648	4.6449
Tools	79.8965	Z-Statistic	0.9931	5.8207
Weighted Average of Co	mpetency Z-Scores:			0.7468
Mean applied to Raw We	eighted Avg:			0.0000
Standard Deviation appli	ed to Raw Weighted Avg:			1.0000
Normalized Raw Score:	- •			0.7468

Mean:

Standard Deviation Used:

Final Overall Score:



Notes

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