savilleconsulting

Assessment Report
Candidate 2_Content

Swift Technical

Aptitude

Contents

About this Report

This report is based upon Swift Technical Aptitude, an online test of the ability to solve spatial, mechanical and diagrammatic problems.

The results are compared against a mixed technical group of 297 apprentices and technicians. The results in this report are presented on a 1 to 10 Sten scale, where 1 indicates low performance and 10 indicates high performance on the test. The margin of error that should be allowed before concluding that there is a difference between scores is indicated by the diamond shape.

When reading this report, please remember that it is based on the information gained from the test session only. It describes performance on this particular test, rather than performance at work or study. Despite this, research suggests that ability tests can be powerful predictors of successful performance in study and work activities requiring these abilities.

The information contained in this report is confidential and every effort should be made to ensure that it is stored in a secure place.

The information contained within this report is likely to provide a valid measurement for 12 to 24 months.

The report is based on the results of the online test that the respondent completed under supervised conditions.

This report was produced using Saville Consulting software systems and has been generated electronically. Saville Consulting do not guarantee that it has not been changed or edited. We can accept no liability for the consequences of the use of this report.

The application of this test is limited to Saville Consulting employees, agents of Saville Consulting and clients authorised by Saville Consulting.

Introduction to Assessment Report

This report provides feedback on the responses of Candidate 2_Content to the Swift Technical Aptitude test.

Swift Technical Aptitude Profile

The test consists of three short tests measuring spatial, mechanical and diagrammatic reasoning aptitude areas that are important in the world of work for a variety of roles. The Swift Technical Aptitude Profile provides a summary of total and test taking style sub-scores across the test, as well as sub-scores on the three aptitude areas covered in relation to the comparison group: Mixed Technical Group (SA; 2009).

Total Score

The Total Score is the sum of correct answers across the spatial, mechanical and diagrammatic reasoning tests. It shows how well Candidate 2_Content has performed overall on the test.

Test Taking Style Sub-scores

These scores indicate how quickly and accurately Candidate 2_Content completed the test.

Accuracy: concerns the proportion of answers that were correct.
Speed: concerns the number of questions answered.
Caution: is the difference between the Accuracy and Speed scores.

Aptitude Area Sub-scores

These sub-scores indicate how quickly and accurately Candidate 2_Content performed on each of the three aptitude tests. The pattern of results indicates relative strengths and weaknesses across the following areas of aptitude:

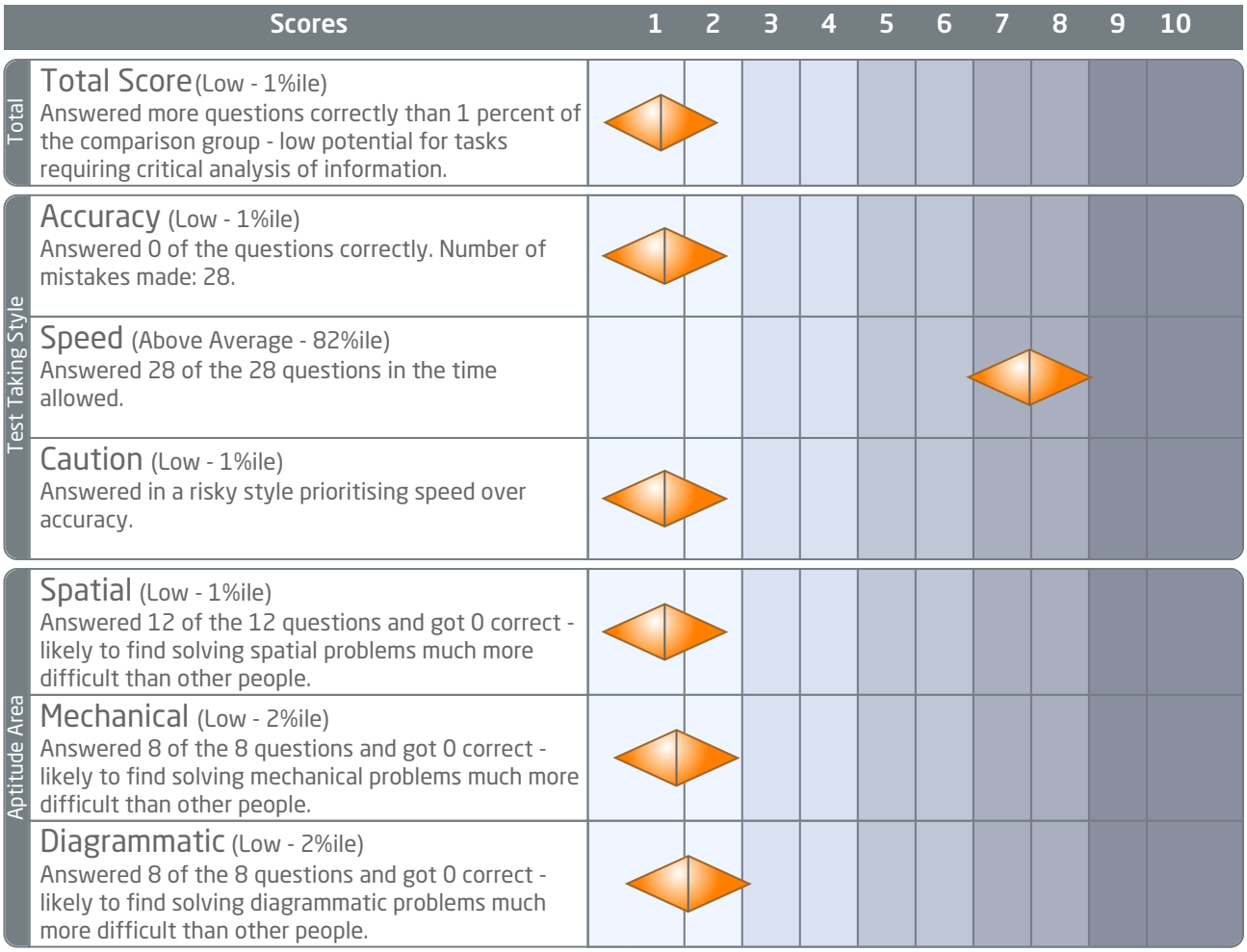
Spatial - assesses the ability to recognise shapes which is critical to success in areas such as Production, Manufacturing, Transport, Engineering, Craft and Design.

Mechanical - assesses the ability to solve mechanical problems which is critical to success in areas such as Production, Manufacturing, Transport and Engineering.

Diagrammatic - assesses the ability to comprehend diagrams and logical sequences which is critical to success in areas such as Production, Manufacturing, Transport and Engineering.

Swift Technical Aptitude Profile

The profile shows the Total Score as well as Accuracy, Speed and Caution Test Taking Style sub-scores across the test. The pattern of Spatial, Mechanical and Diagrammatic sub-scores indicate relative strengths and limitations. All sub-scores must be interpreted in the light of the Total Score.



Interpretation Guidelines

Comparison Group: Mixed Technical Group (SA; 2009)

Sten 1: higher potential than about 1% of the comparison group
Sten 2: higher potential than about 5% of the comparison group
Sten 3: higher potential than about 10% of the comparison group
Sten 4: higher potential than about 25% of the comparison group
Sten 5: higher potential than about 40% of the comparison group
Sten 6: higher potential than about 60% of the comparison group
Sten 7: higher potential than about 75% of the comparison group
Sten 8: higher potential than about 90% of the comparison group
Sten 9: higher potential than about 95% of the comparison group
Sten 10: higher potential than about 99% of the comparison group

Improving Abilities

Some tips for improving abilities are provided below:

Spatial

- Work with plans, sketches and designs.
- Complete visual puzzles.
- Gain practice reading maps.
- Estimate angles and length of objects and check the accuracy of your estimates.
- Imagine how objects would look from various angles.
- Look at text books with good illustrations of biological or technical systems.
- Make shapes and objects from various materials.

Mechanical

- Work with tools, equipment and machinery.
- Maintain, fix and repair technical objects.
- Read up on physical principles.
- Estimate how objects are going to move.
- Build objects from various materials.
- Look at workshop manuals.
- Make gadgets with engines from various materials.

Diagrammatic

- Work with diagrammatic materials.
- Complete logic puzzles and games.
- Practice solving problems.
- Try to understand logical systems or processes.
- Try to understand information presented in diagrammatic form in books and newspapers.
- Make diagrams and flow charts of processes.