



## Criterion Workforce Series (CWS)

### Blue collar ability test

#### Overview

This basic ability test series features tasks that simulate the demands of production, manufacturing and engineering roles.

#### About the tests

##### CWS Verbal Test

This test measures comprehension of plain procedural/policy information. Candidates read extracts from Safety Handbooks, Training Materials and Staff Notice Boards. Candidates then evaluate statements using a True/False response format, which are presented in pairs to reduce the opportunity to score correctly by guessing.

##### CWS Numerical Test

Candidates refer to tables of numerical information in order to answer multiple-choice questions. The tables contain data relating to production environments. The questions require numerical understanding and manipulation ranging from simple addition and subtraction to percentages and basic reasoning. Candidates may use a calculator during the test.

##### CWS Fault Detection Test

The test measures visual inspection, spatial ability and the ability to detect faults within a sequence. The test features ten machines, each of which performs a different operation. A process is shown in each question, which involves an object passing through a sequence of four of the machines. Candidates are required to identify, from the output at the end of the process, whether each machine is working or faulty.

##### CWS Mechanical Reasoning Test

This test measures understanding and application of basic principles of physics and mechanical devices. Candidates are presented with illustrations of mechanical processes such as gears, pulleys, levers, and hydraulics. They are required to indicate which of the multiple-choice options accurately reflects the operation illustrated.

##### CWS SPC1 Plotting Data Test

SPC stands for Statistical Process Control. This test measures aptitude to perform tasks which would be required for SPC training and application. Prior knowledge of SPC principles is not required. Candidates must compute totals, averages and range values for clusters of five measurements and then accurately plot the average and range values on simulated SPC charts. A calculator may be used to assist in the required calculations.

#### WHAT IT MEASURES

Verbal reasoning  
Numerical reasoning  
Fault Detection  
Mechanical Reasoning  
Plotting Data

#### SUITABLE FOR

Selection & Development

#### OCCUPATIONAL ROLES

Engineers, operators, apprentices, semi-skilled workers, technicians, junior supervisors and production team leaders

School leavers or work-experienced candidates, ranging from no formal qualifications to GCSEs

#### ADMINISTRATION

Paper & Pencil  
Online\* (part of our Coast system)  
\* Verbal, numerical and mechanical reasoning only

#### TRAINING REQUIRED

BPS Level A  
(Conversion course not required)

#### DURATION

**Verbal** – 32 items; 20 minutes  
**Online** – 16 items; 10 minutes  
**Numerical** – 32 items; 20 minutes  
**Online** – 16 items; 17 minutes  
**Fault Detection** – 30 items; 10 minutes  
**Mechanical Reasoning** – 40 items; 20 minutes  
**Online** - 20 items; 12 minutes  
**Plotting Data** – 15 items  
15 minutes

#### RELATED PRODUCTS

Criterion Online Assessment & Selection Technologies (Coast)



## Why CWS?

- This test series reflects modern manufacturing and engineering environments
- The tests have great face validity, and communicate relevant and topical messages about your organisation
- Development of these tests was supported by two of the UK's top manufacturing companies from the car industry and steel industry, as well as one of Britain's major electricity providers
- A number of short tests enable users to select those which are most relevant to job content
- High reliabilities coupled with outstanding candidate-friendliness
- Extensive practice materials for candidates prior to the testing session
- Tests can be used together or individually
- User-friendly administration materials
- Pay only for what you need – materials not sold in denominations

## Prices

### Paper and Pencil

#### Reusable materials

- Manual £30.00
- Administration Booklet £20.00

#### Test Booklets:

- Verbal £10.00
- Numerical £10.00
- Fault Detection £10.00
- Fault Detection Machine Sheet £2.00
- Mechanical Reasoning £12.00

#### Scoring Keys:

- Verbal £12.00\*
- Numerical £12.00\*
- Fault Detection £12.00\*
- Plotting Data (set of 3) £36.00\*
- Mechanical Reasoning £12.00\*

#### Non-reusable materials

#### Answer Sheets:

- Verbal (each) £1.00\*
- Numerical (each) £1.00\*
- Fault Detection (each) £1.00\*
- Mechanical Reasoning (each) £1.00\*
- Plotting Data Booklet £5.00\*



**Practice Questions:**

- |                                     |        |
|-------------------------------------|--------|
| • Folder                            | £2.00* |
| • Verbal Test leaflet               | £1.50* |
| • Numerical Test leaflet            | £1.50* |
| • Fault Detection Test leaflet      | £1.50* |
| • Mechanical Reasoning Test leaflet | £1.50* |
| • Plotting Data Test leaflet        | £1.50* |

NB: Practice materials are highly recommended but not compulsory.

\*Prices subject to VAT.

Postage and packaging charged at cost.

### Online - Coast

- Includes Verbal, Numerical and Mechanical reasoning tests
- £10 per test + VAT (for example if you wanted the Verbal & Numerical test this will cost £20 + VAT)

### Contact us

For further information or to place an order please contact Criterion Partnership on 01273 734000 or at [letterbox@critterionpartnership.co.uk](mailto:letterbox@critterionpartnership.co.uk)