



2010

MAINTENANCE & REPAIR ASSESSMENTS

Gold Winner

ELECTEST



RR47-C or OL47
RR47-M Administration Manual

Used for selection of electrical repair and maintenance candidates who have knowledge or experience in Motors; Digital and Analog Electronics; Schematics, Print Reading and Control Circuits; Basic AC/DC Theory and Electrical Maintenance; Computers & PLC and Test Instruments; Power Supplies; Power Distribution and Construction & Installation; and Mechanical and Hand & Power Tools.

This test contains 60 items in a multiple-choice format. In a group of 309 maintenance employees, reliability was .87 with a mean score of 34.75, a standard deviation of 9.60, and a standard error of measurement of 3.46.

Test performance was significantly related to job performance rating by supervisors (.01 level of significance).

Sample Question:

A dual element fuse is used to

- A. operate at higher voltage.
- B. operate at higher current.
- C. operate with a temporary overload.
- D. protect the transistor.

Spanish and alternate form available
SEE PRICING BELOW

MecTEST



RR16AU-C or OL16AU
RR16AU-M Administration Manual

Used for selection of repair and maintenance candidates who have knowledge or experience in Hydraulics & Pneumatics; Print Reading; Welding & Rigging; Power Transmission; Lubrication; Pumps & Piping; Mechanical Maintenance; and Shop Machines, Tools & Equipment.

This test contains 60 items in a multiple-choice format. In a group of 1208 applicants and employed mechanics, reliability was .89 with a mean score of 41.13, a standard deviation of 9.69, and a standard error of measurement of 3.21.

Test performance was significantly related to job performance rating by supervisors (.01 level of significance).

Sample Question:

Peak hydraulic system demands may be met by the use of

- A. an accumulator.
- B. a dual system.
- C. a large reservoir.
- D. an oversize pump.

Spanish and alternate form available
SEE PRICING BELOW

MAINTEST

RR29NL1R or OL29NL1R

A 2¹/₂-hour test measures the PRACTICAL mechanical and electrical job knowledge of maintenance employees. **Scored by Ramsay Corporation with test results reported online.** Measures strengths and weaknesses in 21 areas: Hydraulics; Pneumatics; Welding; Power Transmission; Lubrication; Pumps; Piping; Rigging; Mechanical Maintenance; Shop Machines, Tools & Equipment; Combustion; Motors; Digital Electronics; Schematics & Print Reading; Control Circuits; Power Supplies; Basic AC/DC Theory; Power Distribution; Test Instruments; Computers & PLC; and Electrical Maintenance.



The test has been used for managers and hourly workers and is supported by criterion-related and content validation.

Percentile ranks are provided for each area and for the total test so you can compare scores among your workers and against a national sample of more than 10,000 maintenance workers.

Spanish and alternate forms available

10 - 19 tests: \$65.00 per test administration
20 - 99 tests: 45.00 per test administration
100+ tests: 35.00 per test administration

ELECTRICAL APTITUDE TEST



RR111-C or OL111
RR111-M Administration Manual

Developed as a quick evaluation of a person's electrical aptitude in the areas of Mathematics, Electrical Concepts, Process Flow, Signal Flow, Electrical Schematics, and Electrical Sequences.

This test contains 36 items in a multiple-choice format. In a group of 575 applicants, reliability was .90 with a mean score of 26.40, a standard deviation of 6.70, and standard error of measurement of 2.12. Correlates at .47 with electrical job knowledge. In a sample of 97 technical school trainees, test scores correlated with GPA at .41.

Spanish and alternate form available
SEE PRICING BELOW

MECHANICAL APTITUDE TEST



RR110-C or OL110
RR110-M Administration Manual

Developed as a quick evaluation of a person's mechanical aptitude in the areas of Home Settings, The Workplace, School Science and Physics, and Hand and Power Tools.

This test contains 36 items in a multiple-choice format. In a group of 1388 applicants, reliability was .81 with a mean score of 26.60, a standard deviation of 5.38, and standard error of measurement of 2.35. Correlates at .48 with a test of mechanical job knowledge. In a sample of 159 technical school trainees, test scores correlated with GPA at .40.

Spanish and alternate form available
SEE PRICING BELOW

MULTI-CRAFT APTITUDE TEST



RR121-C or OL121
RR121-M Administration Manual

Developed as a quick evaluation of a person's mechanical and electrical aptitude, this test measures the same constructs as the mechanical and electrical aptitude tests, but may be used for assessment of applicants who require aptitude in both areas.

This test contains 40 items in a multiple-choice format. After testing 1150 applicants, the test was revised in 2008. Current data for a group of 51 applicants has an odd/even reliability of .80 with a mean score of 29.90, a standard deviation of 5.34, and a standard error of measurement of 2.39.



Spanish and alternate form available
SEE PRICING BELOW

ONLINE SCORING

Score any Ramsay test using our online Examinee Scoring System. Generate reports based on your individual training or hiring needs.

ONLINE ADMINISTRATION

Administer tests online and get results with one click. Prevent scoring errors and print customized reports. Get details at www.ramsaycorp.com.



Cost per Test Booklet: (Minimum 20) \$22/20-99 Booklets \$19/100+ Booklets Cost per Admin. Manual: \$24.95

SELECTION OF TECHNICIANS

MAINTENANCE ELECTRICIAN A OR B

REVISED IN 2008

Maintenance Electrician A
RR33A-C or OL33A
RR33A-M Administration Manual

Maintenance Electrician B
RR33B-C or OL33B
RR33B-M Administration Manual

For use in selecting manufacturing or processing maintenance candidates who have knowledge in the following areas: Motors; Digital Electronics; Analog Electronics; Schematics & Print Reading; Control Circuits; Power Supplies; AC/DC Theory; Power Distribution; Test Instruments; Mechanical Maintenance; Computer & PLC; Hand & Power Tools; Electrical Maintenance; and Construction & Installation.

Maintenance Electrician A contains 60 items. In a sample of 104 applicants and incumbents, reliability was .88 with a mean score of 27.68, a standard deviation of 9.94, and a standard error of measurement of 3.44.

Maintenance Electrician B contains 60 items. In a sample of 81 applicants, reliability was .87 with a mean score of 33.86, a standard deviation of 9.51, and a standard error of measurement of 3.43.

NOTE: *Maintenance Electrician B* is more difficult than our *ElecTest* and *Maintenance Electrician A* is more difficult than *Maintenance Electrician B*.

Sample Question:

When an alternating voltage is applied to a purely resistive circuit, the

- A. voltage lags the current.
- B. voltage leads the current.
- C. current leads the voltage.
- D. current is in phase with the voltage.

Alternate form available
SEE PRICING BELOW

ELECTRONTEST

REVISED IN 2010

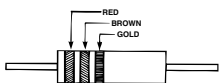
RR7-C or OL7
RR7-M Administration Manual

For use in selecting manufacturing or processing maintenance candidates who have knowledge in the following areas: Digital & Analog Electronics; AC/DC Theory; Schematics & Print Reading; Power Supplies; Motors, Regulators, Electronic Equipment & Power Distribution; Test Instruments; and Computers & PLC.

This test contains 60 items in a multiple-choice format. In a group of 61 candidates, reliability was .92 with a mean score of 28.16, a standard deviation of 12.16, and standard error of measurement of 3.44.

Sample Question:

What is the value of this resistor?



- A. 2.1 ohms ± 20%
- B. 21 ohms ± 10%
- C. 10 ohms ± 5%
- D. 1 ohm ± 20%

SEE PRICING BELOW

C, B & A MECHANIC EVALUATION (MULTI-CRAFT)

C Mechanic Evaluation
RR26C-C or OL26C
RR26C-M Administration Manual

B Mechanic Evaluation
RR26B-C or OL26B

RR26B-M Administration Manual

A Mechanic Evaluation
RR26A-C or OL26A

RR26A-M Administration Manual

For use in selecting manufacturing or processing maintenance candidates who have knowledge in the following areas: Pneumatics; Print Reading; Welding; Electrical; Lubrication; Plumbing; Rigging; Machine Shop; Mechanical; and HVAC.

The test items are written in a multiple-choice format.

	No. of Items	Reliability	Std. Dev.	Std. Error of Meas.
C Mech.	60	.83	7.82	3.22
B Mech.	60	.86	8.47	3.17
A Mech.	60	.76	6.97	3.41

NOTE: Each level progresses in difficulty, with A Mechanic being the most advanced.

Sample Question:

Water in a cooling tower is cooled by the process of

- A. filtration.
- B. condensation.
- C. evaporation.
- D. sublimation.

REVISED IN 2008

Best used for food, drug, and consumer product industries.

Spanish and alternate form available
SEE PRICING BELOW

MECHANICAL TECHNICIAN C, B, & A (Multi-Craft Mechanic)

REVISED IN 2009

Mechanical Technician C
RR114C-XC or OL114C-X
RR114C-M Administration Manual

Mechanical Technician B
RR114B-XC or OL114B-X
RR114B-M Administration Manual

Mechanical Technician A
RR114A-XC or OL114A-X
RR114A-M Administration Manual

For use in selecting metals or manufacturing candidates who have knowledge or experience in the following areas: Hydraulics & Pneumatics; Print Reading; Welding & Rigging; Power Transmission & Lubrication; Mechanical Maintenance Principles; Pumps & Piping; and Shop Equipment & Tools.

Plant Engineering
PRODUCT of the YEAR
2003

	No. of Items	Reliability	Std. Dev.	Std. Error of Meas.
Mech Tech C	60	.75	5.68	2.84
Mech Tech B	60	.81	7.82	3.41
Mech Tech A	60	.93	12.67	3.35

Alternate form available
SEE PRICING BELOW

MULTI-CRAFT TEST

REVISED IN 2008

RR100-C or OL100
RR100-M Administration Manual

For use in selecting maintenance employees who have knowledge in the following areas:

1) Hydraulics & Pneumatics; 2) Welding and Rigging; 3) Power Transmission, Lubrication, Mechanical Maintenance, & Shop Machines, and Tools & Equipment; 4) Pumps, Piping and Combustion; 5) Motors, Control Circuits, and Schematics & Print Reading; 6) Digital Electronics, Power Supplies, Computers & PLC, and Test Instruments; and 7) Basic AC/DC Theory, Power Distribution, and Electrical Maintenance.

This test contains 60 items in a multiple-choice format. In a group of 3491 candidates, reliability was .89 with a mean score of 29.55, a standard deviation of 10.30, and a standard error of measurement of 3.42. Uncorrected correlation with performance ratings of Technical Knowledge, Problem Solving, and Total Performance were .553, .260, and .353, respectively.

Sample Question:

The type of electronic stage that isolates the stages inside a micro-processor from those outside the micro-processor is the

- A. buffer.
- B. bus.
- C. RAM.
- D. ROM.

Plant Engineering
PRODUCT of the YEAR
2001

Spanish and alternate form available
SEE PRICING BELOW

WELDTTEST

REVISED IN 2007

RR15-C or OL15
RR15-M Administration Manual

For use in selecting journey-level Welders who have knowledge in the following areas: Print Reading; Welding, Cutting Torch and Arc Air Cutting; Welder Maintenance & Operation; Tools, Machines, Materials & Equipment; Mobile Equipment & Rigging; and Production Welding Calculations. This is a 60-item test.

In a group of 95 candidates, reliability was .88 with a mean score of 46.63, a standard deviation of 8.24, and a standard error of measurement of 2.85.

SEE PRICING BELOW

MILLWRIGHT

REVISED IN 2007

RR44-C or OL44
RR44-M Administration Manual

For use in selecting millwright candidates who have knowledge in the following areas: Hydraulics & Pneumatics; Burning & Fabrication and Print Reading; Power Transmission & Lubrication; Pumps & Piping; Rigging; Mechanical Maintenance; and Shop Equipment & Tools, Materials & Equipment.

SEE PRICING BELOW

Cost per Test Booklet: (Minimum 20) \$22/20-99 Booklets \$19/100+ Booklets Cost per Admin. Manual: \$24.95

PRODUCTION, OPERATING & MANUFACTURING

COMBINED BASIC SKILLS

REVISED
IN 2008

RR76-C or OL76 RR76-M Administration Manual

Ramsay Corporation's short measure of basic manufacturing and processing skills. This assessment was developed to enable a quick evaluation of literacy and performance skills required in manufacturing and processing.

Subtest Title	No. of Items	Testing in Minutes
• Reading	16	16
• Arithmetic	14	10
• Inspection & Meas.	10	8
• Process Monitoring & Problem Solving	12	14
TOTAL	52	48

Combined Basic Skills for the food industry, chemical operator, custodial services and water treatment operator also available. Call for details.

Spanish and alternate form available
Price Code 4 (See page 4)

MEASUREMENT, READING & ARITHMETIC

RR54-C RR54-M Administration Manual

This test booklet contains a series of three tests in the areas of measurement, reading, & arithmetic. It was originally developed as a basic skills assessment for operating engineers.

Subtest Title	No. of Items	Testing in Minutes
• Measurement	20	15
• Reading	40	40
• Arithmetic	40	30
TOTAL	100	85

Spanish version available
SEE PRICING BELOW

TEST ADMINISTRATION

RR2

The Testing Manual – A reference for Managers and Test Administrators and a training manual for Test Administrators. \$179.95

Test Samples available upon request:
Call for more information

TESTS AVAILABLE IN SPANISH

Air Cond. Specialist	Mechanical Aptitude
Arithmetic Form A	MecTest
BldgTest	Mobile Equip. Mech.
C, B, A, Mech. Eval.	Multi-Craft Aptitude
ChemTest	Multi-Craft Trainee
Combined Basic Skills	Multi-CraftTest
ElecTest	Reading - Form A
Electrical Aptitude Test	PLC
Maintest	Team Skills
Meas., Reading & Arith.	WTMA

DRAFTER (CAD OPERATOR)

RR123-C or OL123 RR123-M Administration Manual

Developed to test a person's ability to draft and perform CAD operations. This test consists of 30 multiple-choice questions in the areas of Print Reading and CAD drawings.



SEE PRICING BELOW

REVISED
IN 2008

BLDGTEST

RR27-C or OL27 RR27-M Administration Manual

A 60-item test for use in selecting building mechanics who have knowledge in Electrical; Print Reading; Plumbing; HVAC; General Repairs; Carpentry; Painting; Masonry; and Maintenance Management. In a group of 159 applicants, reliability was .88, mean score was 35.66, with a standard deviation of 9.76, and standard error of measurement of 3.38.

Spanish and alternate form available
SEE PRICING BELOW

PLC TEST

RR125 or OL125 RR125-M Administration Manual

For use in selecting candidates for jobs that require knowledge of PLC & I/O Basics, Ladder Logic, Programming Basics, Peripherals & Systems, and Troubleshooting. This 50-item test administered to 56 candidates had a reliability of .82, mean score of 35.61, a standard deviation of 6.54, and standard error of measurement of 2.77.

Spanish and alternate form available
SEE PRICING BELOW

NEW
IN 2009

WIND TURBINE TECHNICIAN

RR138-C or OL138

Developed to evaluate candidates in the wind power industry who have knowledge or experience in Wind Turbine Technology, Mechanical Maintenance, Hydraulics, and Electronics.

SEE PRICING BELOW

NEW
IN 2009

LUBRICATION TEST

RR145-C or OL145

This 60-item test evaluates knowledge of Lubrication Theory, Types of Lubricants, Lubrication Properties and Additives, Automatic Lubrication Systems and Applications.

SEE PRICING BELOW

REVISED
IN 2007

MACHINIST

RR18-C or OL18 RR18-M Administration Manual

This 60-item test is used to select journey-level Machinists. Also available is a shortened version of this test (45 items). **Machinist-Short Form: RR101-C**

SEE PRICING BELOW

ADDITIONAL TESTS AVAILABLE

Item#	Title	Item#	Title	Item#	Title
RR126-C	Boilermaker	RR122	Operating Engineer	RR40-C	Air Cond. Spec. (also in Spanish)
RR57-C	Cellular Technician	RR80-C	Prod. & Main. Tech. (Metal Processing)	RR28-C	Auto Technician
RR103-C	CNC Operator	RR63-C	Project Engineer	RR129-C	Bus Mechanic
RR82-C	Combustion Control Technician	RR56-C	Refrigeration Mechanic	RR146-C	Carpenter
RR23-I-C	Electrical Technician I (Basic)	RR107-C	Sheet Metal Worker	RR97-C	ChemTest
RR23-II-C	Electrical Tech. II (Advanced)	RR98	Sr. Maint. Technician Millwright	RR105-C	Electrician (Chemical)
RR14-C	Electronics & Instrument Technician	RR120	Maintenance Technician – Forms INM 1 thru 6	RR147C	Hydraulics & Pneumatic Print Reading
RR127-C	Injection Molding Mechanic	RR46-C	Sr. Maint. Technician Pipefitter	RR104-C	Instrument Technician (Chemical)
RR21-I-C	Instrument Technician (Basic)	RR117-C	Sr. Maint. Technician Welder	RR81-C	InstrumenTest (Refinery)
RR21-II-C	Instrument Technician (Advanced)	RR42-C	Tool Knowledge & Use	RR83-C	Ironworker
RR65-C	Laboratory Technician (Mfg.)	RR20-C	Tool Room Attendant	RR88-C	Mobile Equipment Operator
RR85	Locomotive Repair	RR109-C	Toolmaker	RR96-C	OSHA Safety Violations Test
RR52-C	Mechanical Technician	RR50-C	Welder, Repair & Maintenance	RR55-C	PipeTest (Piping & Plumbing)
RR45-C	Mobile Equip. Mech. (also in Spanish)			RR143-C	Pump Test
				RR131-C	Vehicle Mechanic
				RR106-C	Vibration Analysis

Cost: \$25/20 - 99 Test Booklets (Minimum 20) \$20/100+ Test Booklets \$24.95 Admin. Manual

SEE PRICING BELOW

Cost per Test Booklet: (Minimum 20) \$22/20-99 Booklets \$19/100+ Booklets Cost per Admin. Manual: \$24.95



TEAM SKILLS *Price Code 3*

RR66-C or OL66

RR66-M Administration Manual

A test of team knowledge and skills in the following areas: Conflict Resolution; Group Dynamics; Communication Skills; Interpersonal Skills; Team Decision Making; Productivity & Motivation; and Leader & Member Skills.

This is a 35 item test. In a group of 2,173 candidates, the reliability was .70 with a mean score of 21.66, a standard deviation of 4.52 and a standard error of measurement of 2.50.

Also available:

Teamwork KSA - RR48-C

RR48-M Administration Manual

SALES SKILLS *Price Code 3*

RR67-C or OL67

RR67-M Administration Manual

A test of sales knowledge in the following areas: Prospecting Skills; Interpersonal Skills; Communication/Expressiveness Skills; Product Knowledge; Confidence; Listening Skills; Persistence; Closing Skills; Follow-up Skills; Negotiating Skills; Honesty; and Motivation.

Data for this 48-item test given to 264 candidates show a reliability of .81, a mean score of 31.27, a standard deviation of 6.50 and a standard error of measurement of 2.83.

MANAGEMENT & SUPERVISORY SKILLS *Price Code 3*

RR73-C or OL73

RR73-M Administration Manual

A test of knowledge of management and supervisory skills in the following areas: Planning; Motivating; Organizing; Communicating, and Leadership.

WRITING TEST *Price Code 2*

RR139-C

This test was created to fill the need for a practical and efficient assessment of writing ability in job settings. Consists of exercises in writing a Memo, a Report to a Manager and a Letter.

BASIC COMPUTER SKILLS *Price Code 2*

RR133-C

This 26-item multiple-choice test assesses basic computer skills in areas of Menu Navigation, Icons, File Management and Printing.

JOB SAFETY TEST *Price Code 4*

RR148-C

This test was developed to serve as a safety supplement to many of our off-the-shelf assessments. The 50-item test includes the following areas: Climbing Safety, Rigging Safety, Machine Safety, Electrical Safety, and Industrial Safety.

BASIC SKILLS

READING: Designed to measure the ability to read, comprehend, and answer written questions based on a printed passage. Each test consists of 40 questions and five reading passages with progressively higher levels of readability.

Title	Form	Average Reading Level	Price Code	Item No.
Reading	A (Self-scoring)	10.4	2	RR8-C
Reading (Food Industry)	A-FI (Self-scoring)	10.4	2	RR102FI-C
Chemical Reading	CH	9.8	2	RR68-C
Office Reading	G	11.4	2	RR9-G
Health Care Reading	HC-1	11.0	2	RR35-HC
Supervisory Reading	A	12.0	2	RR34-C
Warehouse & Shipping Reading	WH	10.5	2	RR43-WH
Reading (Electronics & Instrumentation)	IHER	11.2	2	RR22-IH

ARITHMETIC: Developed to evaluate the ability to perform basic computations at various levels of difficulty:

Level I: Addition, subtraction, multiplication & division of whole numbers

Level II: Addition, subtraction, multiplication & division of decimals

Level III: Addition, subtraction, multiplication & division of fractions

Level IV: Percentages, simple formulas, reading tables and charts

Level V: Algebra

Level VI: Trigonometry

Title	Form	Level	Price Code	Item No.
Arithmetic	A (Self-scoring)	I & III	1	RR5-A
Arithmetic 2	I (Self-scoring)	I	1	RR49-I
Arithmetic*	CO (Self-scoring)	I, II, IV	2	RR6CO-C
Arithmetic	MCY (Self-scoring)	I, II, III, IV	2	RR36MCY-C
Office Arithmetic	CA	I, II, IV	2	RR10-CA
Arithmetic (Electronics & Instrumentation)	IHER	I, II, III, IV	2	RR25-IH
Algebra	A	V	2	RR41-C
Geometry & Algebra	A	V	2	RR134-C
Trigonometry	CNC	VI	2	RR99-C

Process Flow	WLP-R		2	RR90
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Measures the ability to follow the flow of liquid or material through a chemical or industrial process, including reading gauges.

Checking Accuracy	A		2	RR91
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Measures the ability to make accurate readings of identification numbers, names, and tables.

Measurement*	A-C (Self-scoring)		2	RR4-A
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Assesses ability to measure in rule dimensions of wholes, halves, quarters, eighths, and sixteenths.

Precision Measurement	AR		2	RR93-C
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Assesses calculation skills, gauge reading and use of precision measurement tools.

Inspection and Measurement*	LCI-C		2	RR37LCI-C
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Assesses the ability to measure, inspect, and follow directions. Included are exercises in measuring objects, reading dials, determining differences, and arranging items numerically and alpha-numerically.

Pre-Print Reading	TTA-O		2	RR135-C
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Measures ability to read simple drawings and prints.

* Alternate form available

PRICE CODES FOR TESTS AND MANUALS

1 = \$6.95/20-99 Test Booklets (Minimum 20)	3 = \$14/20-99 Test Booklets (Minimum 20)
\$5.95/100+ Test Booklets	\$12/100+ Test Booklets
\$24.95 for Admin. Manual	\$24.95 Admin. Manual

2 = \$12/20-99 Test Booklets (Minimum 20)	4 = \$15/20-99 Test Booklets (Minimum 20)
\$10/100+ Test Booklets	\$13/100+ Test Booklets
\$24.95 Admin. Manual	\$24.95 Admin. Manual

APPRENTICES & MAINTENANCE TRAINEES

ELECTRICAL MAINTENANCE TRAINEE

RR17-C or OL17
RR17-M Administration Manual

For use in selecting electrical trainees with one year of training or experience in the following areas: Motors; Digital & Analog Electronics; Schematics & Electrical Print Reading; Control; Power Supplies; Basic AC/DC Theory; Construction, Installation & Distribution; Test Instruments; Computers & PLC; Mechanical, Equipment Operation, & Hand & Power Tools; and Electrical Maintenance.

This test contains 60 items in a multiple-choice format. In a group of 300 candidates reliability was .85 with a mean score of 28.83, a standard deviation of 8.79, and standard error of measurement of 3.40.

Sample Question:

If the current is 12 amperes and voltage is 15 volts, what is the resistance?

- A. .75 ohms
- B. .80 ohms
- C. .90 ohms
- D. 1.25 ohms

SEE PRICING BELOW

MECHANICAL MAINTENANCE TRAINEE

REVISED IN 2007

RR31-C or OL31
RR31-M Administration Manual

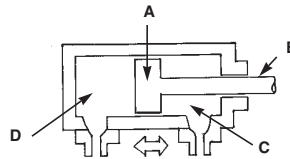
For use in selecting mechanical trainees with one year of training or experience in the following areas: Hydraulics; Pneumatics; Print Reading; Welding; Power Transmission; Lubrication; Pumps; Piping; Rigging; Maintenance; Shop Machines; and Tools, Material & Equipment.

This test contains 60 items in a multiple-choice format. In a group of 97 candidates, reliability was .85 with a mean score of 41.51, standard deviation of 8.40, and standard error of measurement of 3.25.

Sample Question:

Identify part D in the diagram below.

- A. Rod
- B. Head end
- C. Piston
- D. Rod end



Alternate form available
SEE PRICING BELOW

MULTI-CRAFT TRAINEE TEST

RR116-C or OL116
RR116-M Administration Manual

Developed for use with applicants or employees who have at least one year of mechanical and electrical training or experience.



In a group of 87 candidates, reliability was .89 with a mean score of 34.26, a standard deviation of 9.70 and a standard error of measurement of 3.22.

SEE PRICING BELOW

PRINT TEST

RR11A-C or OL11A
Fraction Version
RR11B-C or OL11-B
Decimal Version
RR11-M Administration Manual

Select candidates for jobs requiring reading prints and drawings.

In a group of 130 candidates who took the decimal version of the 33-item test, reliability was .86 with a mean score of 23.97, a standard deviation of 5.54 and a standard error of measurement of 2.07.

SEE PRICING BELOW

ELECTRICAL REPAIR APPRENTICE BATTERY

Reading
RR58R-C or OL58R
Arithmetic
RR58A-C or OL58A
Electrical Print Reading
RR58EPR-C or OL58EPR
Troubleshooting & Problem Solving
RR58TR-C or OL58TR
Basic Electricity
RR58BE-C or OL58BE
RR58-M Administration Manual

A basic skills test battery measuring 5 different areas: Reading; Arithmetic; Electrical Print Reading; Troubleshooting & Problem Solving; and Basic Electricity.

These 5 tests, in multiple-choice format, are more demanding of job knowledge than a basic skills battery, but less demanding than our Electrical Maintenance Trainee Test.

Price Code 2 (see page 4)

MECHANICAL REPAIR APPRENTICE BATTERY

Reading
RR59R-C or OL59R
Arithmetic
RR59A-C or OL59A
Measurement
RR59M-C or OL59M
Reading Prints & Drawings
RR59RPD-C or OL59RPD
Basic Mechanical Knowledge
RR59BM-C or OL59BM
RR59-M Administration Manual

A basic skills test battery measuring 5 different areas: Reading; Arithmetic; Measurement; Reading Prints & Drawings; and Basic Mechanical Knowledge.

These 5 tests, in multiple-choice format, are more demanding of job knowledge than a basic skills battery, but less demanding than our Mechanical Maintenance Trainee Test.

Price Code 2 (see page 4)

WTMA – WIESEN TEST OF MECHANICAL APTITUDE

RR89-C or OL89
RR89-M Administration Manual

This APTITUDE test was developed to measure mechanical aptitude and reduce impact on females.

In a group of 80 African American and Hispanic students, there was no significant difference in scores of males and females.

This test has 60 questions in a multiple-choice format. Each question uses a diagram with everyday objects to illustrate a mechanical principle or fact. It has been found to be highly correlated with other measures of mechanical aptitude.

Test scores were significantly related to performance as rated by supervisors of 102 employed machine operators. The mean was 63% and standard deviation was 13.88. Test scores were also significantly correlated with performance ratings of 169 employed chemical operators.

Spanish version available
SEE PRICING BELOW

Cost per Test Booklet: (Minimum 20) \$22/20-99 Booklets \$19/100+ Booklets Cost per Admin. Manual: \$24.95

RAMSAY CORPORATION

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• **BENCHMARKING** • **SELECTION**
• **EXCELLENCE IN TESTING**

Tests for Skills Assessment and Development



CRAFT TESTS:

FOR MAINTENANCE EMPLOYEES

CUSTOM DESIGNED TESTS:

- **Single Craft Evaluation & Validation**
- **Multicraft Skills Level & Validation**
- **Apprentice or Trainee Selection Tests**

TESTS AVAILABLE FOR PROCTORED ONLINE ADMINISTRATION

The tests sold by Ramsay Corporation have been validated for their original use using a content-related validation model. Obviously we have not conducted such a study for your company. When we did the original studies, they conformed to the requirements of the *Uniform Guidelines on Employee Selection Procedures* (1978). We can do such a study at your facility.

In addition, several of our tests have been further supported by criterion-related validation studies. Those tests include:

- | | | |
|-------------------------|----------------------------|-------------------------|
| • Maintest | • Inspection & Measurement | • Arithmetic Form CO-C |
| • ElecTest | • WTMA | • Mechanical Aptitude |
| • Reading Form A | • MecTest | • Electrical Aptitude |
| • Combined Basic Skills | • ChemTest | • Elect. Maint. Trainee |
| • Multi-Craft Aptitude | • Multi-CrafTest | |

We suggest that you or your job experts review any test which you purchase to ensure that the test items reflect the equipment and technology at your facility. We would be happy to discuss any of these matters with you by telephone at 412-257-0732.