



**CERTIFIED
TECHNICIAN**

THIS CERTIFIES THAT

Frank Stafford

has completed the prescribed lesson, lecture and laboratory assignments for the course listed below and is entitled to this certificate.



Snap-on Meter Certification

(3 Hours)

05/08/2023

Date Completed



Northland Career Center

School/Certification Center



504 Digital Multimeter (DMM) Certification

Frank Stafford

has displayed competency of the content listed below through both cognitive and skill based assessments.

I. Unit 1 DMM Introduction

1. Basic Meter Operations
2. Electrical Unit Conversions
3. Electrical Calculations
4. High Impedance Requirement
5. High Impedance Verification
6. Category Ratings Defined
7. Category Ratings Applied

II. Unit 2 DMM Operational Overview

1. Display Icons
2. Function Buttons
3. Rotary Dial
4. Test Lead Terminals

III. Unit 3 DMM Safety & Set-up

1. Test Lead Inspection
2. Internal Fuse Verification
3. Proper Fuse Replacement
4. User Settings
5. Auto & Manual Ranging

IV. Unit 4 Measuring Voltage

1. Parallel Connection
2. AC Voltage
3. DC Voltage
4. AC/DC Millivolt



V. Unit 5 Measuring Amperage

1. Amperage Limits
2. Series Connection
3. DC Amperage
4. DC Milliamp
5. AC amperage settings
6. AC/DC Microamp settings

VI. Unit 6 Measuring Resistance & More

1. Unpowered vs Powered Tests
2. Resistance
3. Continuity
4. Diode
5. Capacitance
6. Frequency & Duty Cycle

VII. Unit 7 Advanced Functions

1. Record
2. Relative Values
3. Hold Values

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