

MESF

Vehicle Enhancement Certification **Programme**

PROSPECTUS

2009

QUALIFICATIONS

Introduction

MESF Certificate 1 Basic Installation

MESF Certificate 2 Intermediate Installation

Security

Audio

MESF Installation Ability Audit

Security

Audio

Accreditation



VECP
Vehicle Enhancement Certification Programme

MESF
Mobile Electronics &
Security Federation

INTRODUCTION

WHAT IS THE MESF?

MESF stands for the Mobile Electronics and Security Federation, the trade association with responsibility for ensuring the vehicle enhancement industry's future.

A mature industry provides a career path with educational support for its workers; the MESF strongly recommends you embark on this career path and strive to progress by continuous professional development to the ranks of the industry's top accredited installation technicians.

- The MESF is backed by manufacturers, retailers, installers, and concerned industry professionals whose primary goal is to ensure the vehicle enhancement industry, your industry, has a healthy future.
- There is strong customer desire to have the latest enhancement products installed in their vehicles long before the vehicle makers can incorporate them.
- Customer demand is for these enhancement products to be integrated to the same, or higher, standards of the vehicle assembly line. This can only be achieved by trained, qualified and accredited technicians.
- Programme designed and operated to encourage the achievement of goals.
- Courses require little or no time loss from work.
- The MESF is non-profit making , therefore fees are as low as possible.
- Vehicle enhancement industry technicians have the ability to deliver 'Better Than New'.

WHY ACCREDITATION IS ESSENTIAL:

CUSTOMER PERCEPTIONS

When a customer makes a commitment to upgrade their car audio, security, navigation or communication system, they're looking to you and your company to provide them with the professionalism and service that is part of their purchase decision.

- Today's customers are more demanding than ever before - they expect new vehicle quality on their installations. Accordingly, you need to keep pace with the latest techniques to ensure the final product exceeds your customer's expectations and is 'Better Than New'.

RESPONSIBILITY

Everyone has a moral and legal duty of care to maintain the safety of others. For an installation technician this is an important responsibility as many things can affect the safe operation of a motor vehicle and put lives at risk.

- A qualified and accredited installation technician will have the skills and knowledge to avoid safety issues plus the reassurance that should the integrity of an installation be questioned their certification will document their competence.

BENEFITS

MESF qualification and accreditation :

- Demonstrates commitment, dedication and professionalism.
- Motor industry approved.
- Qualifies the people who do the work.
- Demonstrates a "we care" attitude.
- Reinforces the quality of a business.
- Keeps technicians up to date with vehicle and product technology
- Documents technicians' knowledge and experience for customers, employers and insurers

HOW CAN YOU GET QUALIFIED AND ACCREDITED?

The MESF operates the Vehicle Enhancement Certification Programme of courses and examinations which lead to qualifications and accreditation.

- There are no entry restrictions for the VECP.
- Just complete the application and pre-test forms and pay the initial fee to get started.

MESF

Certificate 1 Basic Installation Study Course

essential first qualification for installation technicians
foundation certificate for progression in vehicle enhancement

The MESF Certificate 1 Basic Installation qualification is achieved by a self study or tutored course. Both methods use the same MESF Study Guide 1 Basic Installation as the learning aid to gaining the qualification.

This is what you will find in your **MESF** Study Guide 1 Basic Installation:

Change of Address Form
Complaints and Appeals Procedure
Accreditation Application Form

Introduction

Electrical Section 1

Electrical Laws and Formulas
Electrical Components
Troubleshooting Basics
Relays, Batteries and Cables
Semiconductors

Installation Section 2

Automotive Electrical, Safety and Charging Systems
Basic Installation Practices
Battery Troubleshooting
Meters and Test Equipment
General Installation Tools and Equipment
Workshop Safety
Troubleshooting

HOW TO STUDY and GAIN YOUR MESF CERTIFICATE 1 QUALIFICATION

SELF STUDY COURSE

Fee £125.00

You have nine months to study for the test.
You work on your own studying the content highlighted for the Basic Installation test.
When you are ready for your test, contact the MESF to arrange your local testing procedure.

DISTANCE LEARNING TUTORED COURSE

Fee £415.00

You have nine months to study for the test with the guidance of a tutor.
Your tutor will set tasks for you to complete and offer advice and feedback on your progress.
The test will be arranged for you when the tutor considers you are ready - subject to the nine month limit.

DIRECT TUTORED COURSE

Fee £525.00

The tutored course lasts for two days under classroom conditions.
Your tutor concentrates on the topics relevant to your test, therefore it is essential you pre-study for a minimum of two weeks before the course.
Courses have a maximum of ten students to maintain individual attention.

CHOOSE HOW TO STUDY FROM THESE THREE METHODS

The study material and test is the same
This qualification can lead to accreditation

MESF

Certificate 2 Intermediate Installation Study Course

second qualification for installation technicians
next certificate for progression in vehicle enhancement

The MESF Certificate 2 Intermediate Installation qualification is achieved by a self study or tutored course. Both methods use the same MESF Study Guide 2 Intermediate Installation as the learning aid to gaining the qualification.

Choose 1 subject from :

MESF Security Installation **MESF** Audio Installation

This is what you will find in your **MESF** Study Guide 2 Intermediate Installation:

Accreditation application form

Security

Control Units
Sirens
Switches
Sensors
Immobilisation
Remote Control Transmitters
Accessory Output Devices
Location/Tracking Systems
Miscellaneous Tips

Audio

Audio Basics
Crossovers
Loudspeakers
Subwoofer Enclosure Design
Noise and Interference
Noise Trouble Shooting
Using Testing Equipment
Battery and Electrical Systems
Antennas

Choose 1 subject for your MESF Certificate 2 Intermediate Installation qualification

HOW TO STUDY and GAIN YOUR MESF CERTIFICATE 2 QUALIFICATION

SELF STUDY COURSE

Fee £120.00

You have nine months to study for the test.

You work on your own studying the content highlighted for the Basic Installation test.

When you are ready for your test, contact the MESF to arrange your local testing procedure.

DISTANCE LEARNING TUTORED COURSE

Fee £415.00

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MESF

Certificate Installation Skills Audit

skill assessment for installation technicians
shows practical skill for progression in vehicle enhancement

The MESF Installation Skills Audit certificate is achieved by demonstrating to an assessor a range of installation skills based on the theories in MESF Certificate 1 and MESF Certificate 2. The audit will consist of the observation of a 'real' installation and the completion of some assessor set tasks to cover procedures not observed during the installation.

Choose 1 subject from :

MESF Security Installation **MESF** Audio Installation

Note: The MESF Installation Skills Audit subject chosen has to be the same as the subject selected for MESF Certificate 2 Intermediate Installation.

This is what you will be assessed in your MESF Installation Skills Audit:

Basics

Basic Installation Practices
Electrical Components
Workshop Safety
General Installation Tools and Equipment
Relays, Batteries and Cables
Meters and Test Equipment

plus

Trim removal and re-installment
Testing
Customer Handover

One subject from: **Security**

Control Units
Sirens
Sensors
Immobilisation

or **Audio**

Audio Basics
Loudspeakers
Noise and Interference
Antennas

You will be supplied with an audit requirements guide

HOW TO ACHIEVE YOUR MESF INSTALLATION SKILLS AUDIT CERTIFICATE

Pass your MESF Certificate 1 Basic Installation course.

Choose which subject you want to study for MESF Certificate 2 Intermediate Installation.

Study the audit requirements guide. Ensure you can meet the standards expected.

When you are ready for your audit, contact the MESF to arrange your local audit procedure. You will be audited on one of your own installation jobs at your place of work.

You must be sure the installation to be audited is of a level of complexity as indicated in the audit requirements guide.

You must ensure the vehicle, equipment to be installed and the tools required are available on the audit day.

Fee £225.00



MESF

Career Path Accreditation

QUALIFICATION by examination	plus acquired EXPERIENCE	leading to ACCREDITATION
<p>MESF Certificate 1 Basic Installation</p> <p>MESF Certificate 1 Basic Installation Course</p>		
<p>Registration</p>	<p>none required some industry experience</p>	<p>MESF Student MESF Registered Installation Technician</p>
<p>Pass Examination</p>	<p>2 years industry experience 2 industry courses attended</p>	<p>MESF Accredited Installation Technician</p>
<p>MESF Installation Skills Audit Certificate</p> <p>Choose 1 subject from:</p> <p>MESF Security Installation MESF Audio Installation MESF FCS1362 (Mobile Communications) Installation MESF Safety Installation</p> <p>Pass Installation Skills Audit</p>		
<p>MESF Certificate 2 Intermediate Installation</p> <p>Choose 1 subject from:</p> <p>MESF Security Installation MESF Audio Installation MESF FCS1362 (Mobile Communications) Installation MESF Safety Installation</p>		
<p>Pass Examination</p>	<p>1 current MESF Audit Certificate 1 current MESF Exam Certificate 3 years industry experience 3 industry courses attended</p>	<p>MESF Vehicle Enhancement Technician</p>
<p>MESF Certificate 3 Advanced Installation</p> <p>Choose 2 subjects from:</p> <p>MESF Security Installation MESF Audio Installation MESF FCS1362 (Mobile Communications) Installation MESF Safety Installation</p>		
<p>Pass 2 Examinations</p>	<p>1 current MESF Audit Certificate 2 current MESF Exam Certificates 4 years industry experience 4 industry courses attended</p>	<p>MESF Advanced Enhancement Technician</p>
<p>MESF Certificate 4 Master Installation</p> <p>Choose a minimum of 3 subjects from:</p> <p>MESF Security Installation MESF Audio Installation MESF FCS1362 (Mobile Communications) Installation MESF Safety Installation</p>		
<p>Pass 3 Examinations</p>	<p>1 current MESF Audit Certificate 3 current MESF Exam Certificates 6 years industry experience 6 industry courses attended</p>	<p>MESF Master Enhancement Technician</p>

Examinations and Audits are valid for three years and require renewal to remain valid and maintain Accreditation grade

Note: MESF FCS1362 (Mobile Communications) Installation and MESF Safety Installation are in preparation
More examinations will be added to the VECP to cover other vehicle enhancement subjects