
Course Syllabus:

A-SAF-049

Absorbed Glass Mat Battery Handling & Safety



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Overview

This course is designed to help managers and workers at automotive dealerships and repair facilities to work safely when handling, storing, and charging Absorbed Glass Mat (or AGM) batteries. This course reviews the pros and cons of using AGM batteries, briefly discusses other types of batteries, and summarizes the safety and health hazards presented by AGM batteries and discussed how to address those hazards.

Goals

This course focuses on the most common safety-related issues that people face when handling Absorbed Glass Mat (AGM) batteries. This course can help most auto dealers and auto repair facilities comply with regulatory requirements and manufacturer guide. This course will briefly describe other types of batteries but does not address in detail the safety and health issues for those batteries.

Lesson Topics

Module 1 – Introduction

- Course Objectives
- WBT Library
- Glossary
- Learning Assessment & Final Exam
- Additional Information

Module 2 – How Batteries Work

- Battery Types
- Lead Acid Batteries
- Sealed Lead - Acid
- AGM Batteries & Disadvantages
- Factory Activated (FA) vs. Bottle Supplied (BS)
- Summary

Materials

Computer (PC, laptop)

Internet Connection: High Speed

Requirements

You should print and maintain a copy of this course syllabus and overview on file at your facility. It is recommended that you provide a copy of this document in the event of a regulatory agency (e.g., OSHA) inspection.

Evaluation

Upon completion of the course of instruction, a comprehensive examination will be offered. In order to earn a Certificate of Completion, you must receive at least 80% on the exam. The exam is comprised of at least 10 questions, randomly selected from a database of questions and address each of the lesson topics covered in the course.

Lesson Topics – cont'd

- **Module 3 – Battery Hazards**
- Battery Hazards
- Battery Hazards - Electrical
- Electrical Precautions
- Battery Hazards - Chemical
- Safe Work Practices & Equipment
- Personal Protective Equipment (PPE)
- Good Hygiene
- Fire/Explosion Precautions
- Safety Equipment
- Battery Hazards - Physical
- Safe Lifting Procedures
- OSHA's Severe Injury Reporting Requirements
- Activating AGM Batteries
- Charging AGM Batteries
- Battery Chargers
- Battery Charging Precautions
- Additional Charging Precautions
- Battery Inspection Procedures
- AGM Battery Maintenance
- Battery Storage
- Summary

Conclusion

- Certification Test Code
- Final Exam Prep