

# Transportation 2

**Explain safety principles, practices, and guidelines to the work environment.** STS.HS.34.1

- a Complete applicable safety assessment with 100% accuracy.** STS.HS.34.1.A
- b Identify and explain the use of personal protective equipment.** STS.HS.34.1.B
- c Describe proper use of a fire extinguisher.** STS.HS.34.1.C
- d Demonstrate automotive lift safety best-practices.** STS.HS.34.1.D
- e Demonstrate automotive battery safety best-practices.** STS.HS.34.1.E
- f Apply the safe use of tools, machines, and equipment in alignment with industry standards to maintain a safe workplace.** STS.HS.34.1.F
- g Describe the role of government agencies in providing a safe workplace.** STS.HS.34.1.G
- h Explain the purpose for safe and environmental disposal of fluids.** STS.HS.34.1.H

**Identify career opportunities in the transportation industry.** STS.HS.34.2

- a Identify the most common transportation careers and related fields of employment.** STS.HS.34.2.A
- b Identify the traits and skills employers look for in their employees.** STS.HS.34.2.B
- c Identify the training, education, certification, and licensing requirements for various careers in the transportation industry.** STS.HS.34.2.C

**Identify correct tools, equipment and fasteners needed to diagnose and repair automobiles and mobile equipment.** STS.HS.34.3

- a Identify common hand tools, power tools, and equipment needed for diagnosis and repair of the automobile or mobile equipment.** STS.HS.34.3.A
- b Describe the different types of service information platforms.** STS.HS.34.3.B
- c Explain fundamentals of on-board diagnostics and scan tools.** STS.HS.34.3.C
- d Identify proper fasteners, gaskets, seals, and sealants used in transportation.** STS.HS.34.3.D

**Summarize the various systems used on automobiles and mobile equipment.** STS.HS.34.4

- a Explain the fundamentals of the lubrication system.** STS.HS.34.4.A
- b Explain the fundamentals of the fuel system.** STS.HS.34.4.B

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**c Explain the fundamentals of the cooling system.** STS.HS.34.4.C

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**d Explain the fundamentals of the brake system.** STS.HS.34.4.D

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**e Explain the fundamentals of the suspension system.** STS.HS.34.4.E

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**f Explain the fundamentals of the electrical system.** STS.HS.34.4.F

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**g Explain the fundamentals of the ignition system.** STS.HS.34.4.G

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**h Explain the fundamentals of the exhaust system.** STS.HS.34.4.H

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