**2015 – 2016 Florida Department of Education**

**Student Performance Standards**

Program Title: **Air Conditioning, Refrigeration and Heating Technology**

PSAV Number: I470203 Course Number: ACR0041 Occupational Completion Point: A

**Air-Conditioning, Refrigeration and Heating Helper** – 250 Hours – SOC Code 49-9021

01.0 Demonstrate the importance of health, safety and environmental management systems in organizations and their importance to organizational performance and regulatory compliance --The student will be able to:

01.01 Describe personal and jobsite safety rules and regulations that maintain safe and healthy work environments.

01.02 Explain the reasons for regular safety meetings and for company safety policies.

01.03 Explain the need for employee-background checks and medical examinations.

01.04 Identify and use appropriate fire extinguishers and other such safety devices.

01.05 Identify and follow emergency and rescue procedures.

01.06 Identify and use safe-handling practices as they relate to hazardous and volatile fluids, compounds and gases.

01.07 Understand and apply Occupational Safety and Health Administration (OSHA), Environmental Protection Agency (EPA) and Department of Transportation (DOT) hazardous materials safety requirements.

01.08 Apply specific safety and recovery practices for refrigerants used in the industry.

01.09 Apply specific safety practices as they relate to handling and storing cylinders and materials.

01.10 Select and wear proper protective clothing and equipment.

01.11 Identify and use specific safety practices when using soldering and brazing skills.

01.12 Identify and use OSHA practices when working with heating, air-conditioning and refrigeration systems and equipment.

01.13 Follow safety precautions when using hand and power tools.

01.14 Demonstrate an understanding of first aid, Cardiopulmonary Resuscitation (CPR) and the use of portable defibrillators.

01.15 Explain emergency procedures to follow in response to workplace accidents.

01.16 Create a disaster and/or emergency response plan.