



REGISTERED APPRENTICESHIP PROGRAM APPLICATION

REQUEST FOR CREDIT

FORM A

Related Instruction Competencies Evaluation for

SERVICE TECHNICIAN

Applicants for a propane Service Technician apprenticeship may request that credit be applied toward the completion of the program for related instruction.

To request credit for related instruction, an applicant must:

- Indicate with a checkmark below which competencies s/he seeks credit
- Sign and submit this form along with their *Individual Enrollment Form* to NPGA

Once an applicant has been hired by a participating company, NPGA will submit the request for credit form to the employer. The employer's designated program contact person will be responsible for evaluating and verifying each of the applicant's requested credits. The evaluation and verification must be done within an applicant's employment probationary period (the first 500 hours).

APPLICANT REQUEST

I, _____, am requesting credit for the following related instruction competencies as part of NPGA's Service Technician Registered Apprenticeship Program, in accordance with the NPGA Apprenticeship Standards. I understand that I must demonstrate mastery of the competencies noted below before credit may be awarded.

Signature of Apprentice: _____ Date: _____


Name of Apprentice (Printed): _____

EMPLOYER VERIFICATION *Upon completion of attached form*

I, _____, have assessed _____ and verify that s/he has mastered the required knowledge through prior learning. There may be continued related instruction in these competencies as appropriate as part of the overall program.

Designated Employer Contact: _____ Date: _____

NPGA Approval: _____ Date: _____

SERVICE TECHNICIAN Related Instruction Competencies	Credit Requested <i>(BY APPLICANT)</i> 	Verification (BY EMPLOYER)
BASIC PRINCIPLES AND PRACTICES OF PROPANE		
1. Organizations that Influence, Publish or Enforce Codes and Standards		Initial: _____ Date: _____
2. Introduction to Basic Principles and Practices of Propane		Initial: _____ Date: _____
3. Propane Customer Applications and Customer Service		Initial: _____ Date: _____
4. Sources and Physical Properties of Propane		Initial: _____ Date: _____
5. Odorants and Service Interruptions		Initial: _____ Date: _____
6. Complete and Incomplete Combustion Characteristics		Initial: _____ Date: _____
7. DOT Cylinders, Propane Piping, and Residential Systems		Initial: _____ Date: _____
8. National Fire Protection Association (NFPA) Regulations		Initial: _____ Date: _____
9. Updated or New Federal, State, and Local Regulations and Policies		Initial: _____ Date: _____
INITIAL OSHA/DOT TRAINING		
1. Introduction to OSHA and DOT Training		Initial: _____ Date: _____
2. OSHA Hazard Communication		Initial: _____ Date: _____
3. DOT General Awareness HAZMAT Training		Initial: _____ Date: _____
4. Emergency Response		Initial: _____ Date: _____
5. Loading and Unloading		Initial: _____ Date: _____
6. CMV Driver Requirements		Initial: _____ Date: _____
7. Vehicle Inspection		Initial: _____ Date: _____
8. Cylinder Safety		Initial: _____ Date: _____
9. Materials of Trade		Initial: _____ Date: _____
10. Security		Initial: _____ Date: _____

DESIGNING AND INSTALLING EXTERIOR VAPOR DISTRIBUTION SYSTEM OPERATIONS

1. Basic Designing Vapor Distribution Systems		Initial: _____ Date: _____
2. Designing Vapor Systems: Container and Lines		Initial: _____ Date: _____
3. Designing Vapor Distribution Systems: Regulators and Meters		Initial: _____ Date: _____
4. Preparing System Components for Transport		Initial: _____ Date: _____
5. Installing Containers		Initial: _____ Date: _____
6. Installing Lines		Initial: _____ Date: _____
7. Installing Regulators and Meters		Initial: _____ Date: _____
8. Tank-to-Tank Transfer		Initial: _____ Date: _____
9. Other Installations		Initial: _____ Date: _____
10. System Tests		Initial: _____ Date: _____
11. Safety Information		Initial: _____ Date: _____
12. National Fire Protection Association (NFPA) Regulations		Initial: _____ Date: _____
13. Updated or New Federal, State, and Local Regulations and Policies		Initial: _____ Date: _____

PLACING VAPOR DISTRIBUTION SYSTEMS AND APPLIANCES INTO OPERATION

1. Vapor Distribution System Tests		Initial: _____ Date: _____
2. Validating Vapor Distribution Systems		Initial: _____ Date: _____
3. Identifying Venting Requirements and Characteristics		Initial: _____ Date: _____
4. Validating Combustion Air		Initial: _____ Date: _____
5. Leak Check Procedures		Initial: _____ Date: _____
6. Purging Air from a Piping System		Initial: _____ Date: _____
7. Placing Appliances into Operation		Initial: _____ Date: _____
8. Appliance Controls and Safety Devices		Initial: _____ Date: _____
9. Spillage Test		Initial: _____ Date: _____
10. Identifying Burning Characteristics of Propane		Initial: _____ Date: _____
11. Safety Information		Initial: _____ Date: _____
12. National Fire Protection Association (NFPA) Regulations		Initial: _____ Date: _____
13. Updated or New Federal, State, and Local Regulations and Policies		Initial: _____ Date: _____

INSTALLING APPLIANCES AND INTERIOR VAPOR DISTRIBUTION SYSTEMS

1. Introduction to Installing Appliances & Interior Vapor Distribution System		Initial: _____ Date: _____
2. Design Consideration for Gas Appliances		Initial: _____ Date: _____
3. Designing Venting Systems		Initial: _____ Date: _____
4. Design of Interior Vapor Distribution Systems		Initial: _____ Date: _____
5. Installing Appliances		Initial: _____ Date: _____
6. Installing Venting Systems		Initial: _____ Date: _____
7. Installation of Interior Vapor Distribution System		Initial: _____ Date: _____
8. Safety Information		Initial: _____ Date: _____
9. National Fire Protection Association (NFPA) Regulations		Initial: _____ Date: _____
10. Updated or New Federal, State, and Local Regulations and Policies		Initial: _____ Date: _____

BASIC ELECTRICITY FOR PROPANE APPLICATIONS

1. Overview of Basic Electricity for Propane Appliances		Initial: _____ Date: _____
2. Follow Safety Procedures		Initial: _____ Date: _____
3. Electrical Circuits		Initial: _____ Date: _____
4. Interpret Electrical Control Circuit Diagrams for Basic Appliances		Initial: _____ Date: _____
5. Measuring Electrical Quantities		Initial: _____ Date: _____
6. Use a Digital Multimeter		Initial: _____ Date: _____
7. Measure Voltage, Resistance & Current at any Point in an Electrical Circuit		Initial: _____ Date: _____
8. Identify Function in Common Sensing Devices in Basic Appliances		Initial: _____ Date: _____
9. Identify Function of Common Controls and Components in Basic Propane Appliances, including: <i>a. Transformers</i> <i>b. Relays and Contactors</i> <i>c. Motors and Capacitors</i> <i>d. Wall Thermostats</i> <i>e. Limit and Fan Controls</i> <i>f. Ignition Systems</i> <i>g. Gas Control Valves</i>		Initial: _____ Date: _____
10. Troubleshoot Electrical Circuits		Initial: _____ Date: _____

BASIC PROPANE APPLIANCE SERVICE AND TROUBLESHOOTING

1. Basic Propane Appliance Service and Troubleshooting		Initial: _____ Date: _____
2. Measuring Temperature, Pressure, and Gas Concentration		Initial: _____ Date: _____
3. Common Sensing Devices in Propane Appliances		Initial: _____ Date: _____
4. Electrical Components in Propane Appliance Systems		Initial: _____ Date: _____
5. Wall Thermostats and Wireless Controls		Initial: _____ Date: _____
6. Limit and Fan Controls		Initial: _____ Date: _____
7. Ignition Systems for Basic Propane Appliances		Initial: _____ Date: _____
8. Pressure-Regulated Gas Control Valves		Initial: _____ Date: _____
9. Burners and Orifices		Initial: _____ Date: _____
10. Electrical Control Circuit Diagrams and Troubleshooting		Initial: _____ Date: _____
11. Appliance Service Tools and Techniques		Initial: _____ Date: _____
12. Troubleshooting Basic Propane Appliance Systems		Initial: _____ Date: _____
13. Leak, Odor and Carbon Monoxide Complaints		Initial: _____ Date: _____

ADVANCED PROPANE APPLICANCE SERVICE AND TROUBLESHOOTING

1. Systematic Approach to Troubleshooting Propane Appliances		Initial: _____ Date: _____
2. Advanced Electrical Circuits and Electrical Safety		Initial: _____ Date: _____
3. Measuring Differential Temperature, Pressure and other Key Tests		Initial: _____ Date: _____
4. Common Components in Propane Appliance Systems		Initial: _____ Date: _____
5. Advance Ignition Systems and Gas Control Valves		Initial: _____ Date: _____
6. Electrical Control Circuit Diagrams and Troubleshooting		Initial: _____ Date: _____
7. Typical Propane Appliance Distribution Systems		Initial: _____ Date: _____
8. Appliance Service Tools and Techniques		Initial: _____ Date: _____
9. Troubleshooting Advanced Appliance Systems		Initial: _____ Date: _____
10. Leaks, Odor and Carbon Monoxide Complaints		Initial: _____ Date: _____