

## Appendix A

### **WORK PROCESS SCHEDULE ENERGY SPECIALIST O\*NET-SOC CODE: 13-1199.01 RAPIDS CODE: 2005HY**

This schedule is attached to and a part of these Standards for the above identified occupation.

#### **1. TERM OF APPRENTICESHIP**

The term of the occupation shall be two (2) or three (3) years with an OJL attainment of a minimum of 2,600 or 3,900 hours supplemented by the required hours of related instruction.

#### **2. RATIO OF APPRENTICES TO JOURNEYWORKERS**

**(INSERT RATIO HERE)** as covered in the CBA.

#### **3. APPRENTICE WAGE SCHEDULE**

Apprentices shall be paid a progressively increasing schedule of wages based on a percentage of the current journeyworker wage rate or as per the CBA.

**(FILL IN RATES)**

##### **2-year Program**

1<sup>st</sup> 6 months and 650 hours \_\_\_%      2<sup>nd</sup> 6 months and 650 hours \_\_\_%  
3<sup>rd</sup> 6 months and 650 hours \_\_\_%      4<sup>th</sup> 6 months and 650 hours \_\_\_%

##### **3-year Program**

1<sup>st</sup> 6 months and 650 hours \_\_\_%      2<sup>nd</sup> 6 months and 650 hours \_\_\_%  
3<sup>rd</sup> 6 months and 650 hours \_\_\_%      4<sup>th</sup> 6 months and 650 hours \_\_\_%  
5<sup>th</sup> 6 months and 650 hours \_\_\_%      6<sup>th</sup> 6 months and 650 hours \_\_\_%

#### **4. SCHEDULE OF WORK EXPERIENCE (See attached Work Process Schedule)**

The JATC may modify the work processes to meet local needs prior to submitting these Standards to the appropriate Registration Agency for approval.

#### **5. SCHEDULE OF RELATED INSTRUCTION (See attached Related Instruction Outline)**

The JATC may modify the related instruction to meet local needs prior to submitting these Standards to the appropriate Registration Agency for approval.

**WORK PROCESS SCHEDULE  
ENERGY SPECIALIST  
O\*NET-SOC CODE: 13-1199.01 RAPIDS CODE: 2005HY**

The following schedule is an example of work experience (OJL) and training considered necessary to develop a skilled and productive worker in the Energy Specialist trade. Within the limits of basic trade requirements, the schedule is adaptable to local conditions.

**2-Year Program**

	Approximate Hours	
Core Skills	325	- 500
Materials, Tools & Equipment	800	- 1150
Weatherization Skills	800	- 1150
Energy Audits	400	- 700
Supplemental Skills	275	- 500
Total	2,600	- 4,000

**3-Year Program**

	Approximate Hours	
Core Skills	325	- 500
Materials, Tools & Equipment	1000	- 1600
Weatherization Skills	1000	- 1600
Energy Audits	600	- 1100
Supplemental Skills	975	- 1200
Total	3,900	- 6,000

**RELATED INSTRUCTION OUTLINE  
ENERGY SPECIALIST  
O\*NET-SOC CODE: 13-1199.01 RAPIDS CODE: 2005HY**

Related instruction - This instruction shall include, but not be limited to:  
Using the following training matrix, local JATCs can design a flexible training program to meet the needs of our local industries while at the same time providing apprentices the opportunity to complete their apprenticeship.

<b>Core Skills</b>	<b>Materials, Tools &amp; Equipment</b>	<b>Weatherization Skills</b>	<b>Energy Audits</b>	<b>Supplemental Skills</b>
Trade Orientation	EE Product Recognition	Material Handling	Blower Door Test	Construction Skills
OSHA 10-Hour	Hand & Power Tools	Floor, Ceiling and Wall Insulation	Duct Test	Print Reading
CPR/First Aid/AED	Ladders	Door & Window Replacement	Energy Analysis	Communication & Leadership Training
Construction Fall Protection	Blower Door Testing Equipment	Water Conservation & Efficiency		
Energy Standards & Codes	Duct Testing Equipment	Lighting Efficiency & Replacement		
Professional Etiquette	Sealants & Weatherstripping	Appliance Efficiency & Replacement		
Safety Data Sheets	Equipment Maintenance	Moisture Control		
Green Awareness				
Diversity Training				
<b>Optional Instruction</b>				
Ergonomics				Powered Industrial Truck Operator Qualification

**TOTAL MINIMUM HOURS: 2-year Program 2,600 hours; 3-year Program 3,900 hours**