



## **Tools Required**

Each competitor must bring the tools listed below to the competition. Tools may be examined prior to the practical performance test below.

## **Tools and equipment supplied by ABC onsite:**

Turbo torch kit  
Manifold gauge set (410A refrigerant)  
Vacuum pump  
Flaring tool  
Recovery machine with a bottle  
Refrigerant scales  
Threading machine  
Pipe vise  
Pipe cutter  
Cordless drill gun with assorted bits  
Tubing cutter and tubing reamer

Needle-nose pliers  
Level  
Channellock pliers  
Screwdrivers (Phillips and Straight)

**ABC National Craft Championships  
HVAC Sample Score Sheet**

<b>Judging Criteria</b>	<b>Competitor Identification Numbers</b>			
	<b>Maximum Points</b>			