Apprentice Name: _____

Step 4 - Apprentice Meter Technician Job Competency / Demonstration Form

	COMPETENCIES/SKILLS	RATING
#1	What do E, I, and R stand for in equations?	
#2	What is Ohm's Law in equation form?	
#3	Define power.	
#4	Define energy.	
#5	What is the equation to calculate power in a DC circuit?	
#6	What is the equation to calculate power in an AC circuit?	
#7	What is the function of a transformer?	
#8	What is the term that describes how energy is transferred from the primary coil to the secondary coil of a transformer?	
#9	What is the ratio of a transformer?	
#10	Demonstrate knowledge of calculating the billing or meter multiplier using CT's and PT's used by your utility.	
#11	What is the purpose of a voltage regulator?	
#12	What are the three main components of a voltage regulator?	
#13	Explain how a capacitor is taken out of service.	
#14	What is done to bypass a voltage regulator?	
#15	Wire a polyphase meter installation.	
#16	Ability to work with others.	
#17	Ability to follow directions.	
#18	Positive attitude toward work and others.	
#19	Review MTAP #4 Curriculum practice questions.	

RATINGS:
Exceeds Expectations
Meets Expectations
Below Expectations

COMMENTS/REMARKS

I find this apprentice competent in the skills listed above and ready to advance to the next level.

Supervisor's signature: _____ Date: _____