



Apprentice Name: _____

Co-Op/Utility Name: _____

Step 4 - Apprentice Meter Technician Job Competency / Demonstration Form

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

RATINGS:

1. Exceeds Expectations
2. Meets Expectations
3. Needs Improvement

COMMENTS/REMARKS
<p>I find this apprentice competent in the skills listed above and ready to advance to the next level.</p> <p>Supervisor's signature: _____ Date: _____</p>