



Apprentice Name: _____

Step 3 - Apprentice Meter Technician Job Competency / Demonstration Form

COMPETENCIES/SKILLS		RATING
#1	What two values do phasors represent?	
#2	A phasor with an open arrow represents?	
#3	A phasor with a solid arrow represents?	
#4	Inductance affects what in a circuit?	
#5	Capacitance affects what in a circuit?	
#6	What causes inductive reactance in a circuit?	
#7	What causes capacitive reactance in a circuit?	
#8	What is Power factor?	
#9	What does the sine of an angle represent?	
#10	What does the cosine of an angle represent?	
#11	What does the tangent of an angle represent?	
#12	What is the Pythagorean Theorem?	
#13	What is Active Power and its unit of measure?	
#14	What is Apparent Power and its unit of measure?	
#15	What is Reactive Power and its unit of measure?	
#16	Draw how the coils are connected in a "WYE" system.	
#17	Draw how the coils are connected in a "Delta" system.	
#18	Describe the comparison method of meter testing.	
#19	What meter test combines all elements in a polyphase meter?	
#20	What is the initial test of a meter called?	
#21	What is the final test of a meter called?	
#22	How do you perform a creep test on a meter?	
#23	Explain the AEP test barcode and what information is contained in it.	
#24	Wire a single-phase transformer rater meter installation.	
#25	Ability to work with others.	
#26	Ability to follow directions.	
#27	Positive attitude toward work and others.	
#28	Review MTAP #3 Curriculum practice questions.	

RATINGS:

Exceeds Expectations

Meets Expectations

Below Expectations

COMMENTS/REMARKS

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

Supervisor's signature: _____ Date: _____