



Apprentice Name: \_\_\_\_\_

Step 1 - Apprentice Meter Technician Job Competency / Demonstration Form

COMPETENCIES/SKILLS		RATING
#1	Describe the "Right-Hand Rule".	
#2	What is motor action?	
#3	Motor Action is applied in a meter by what two elements?	
#4	List three basic guidelines that should be followed to ensure safety.	
#5	How do you check rubber gloves for leaks?	
#6	What three safety devices should be used while replacing a meter?	
#7	Before installing a meter, in what position should the main panel be in?	
#8	Recognize and identify the basic equipment found in a substation.	
#9	Identify some of the safety hazards in a substation.	
#10	What is "Energy Diversion"?	
#11	List four means of bypassing a meter.	
#12	List three devices to secure motor equipment.	
#13	Define "Demand" as used in electricity metering.	
#14	List three types of Demand meters.	
#15	What is the most common demand measurement?	
#16	Identify several early types of watt-hour meters.	
#17	Identify some of the information on a watt-hour meter nameplate.	
#18	Explain the function of an instrument transformer.	
#19	What are the two main classifications of instrument transformers?	
#20	List six basic parts of a watt-hour meter.	
#21	Eddy current fluxes are produced from which three Sources? List the four fluxes that interact to drive a meter disk.	
#22	What is the design speed (RPH) of most motor meters?	
#23	List four compensations built into watt-hour meter instruments.	
#24	List three, watt-hour meter adjustments.	
#25	What are the two poles of a magnet?	
#26	In a magnet, which poles attract, and which poles repel?	
#27	What type of magnet is it when iron is wrapped in current carrying wire?	
#28	What is induction?	
#29	Ability to follow directions.	
#30	Positive attitude toward work and others.	
#31	Review MTAP #1 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: \_\_\_\_\_