

### Refractometer /Specific Gravity Competency Assessment

Date: \_\_\_\_\_ Site: \_\_\_\_\_ Operator Name: \_\_\_\_\_ Title: \_\_\_\_\_ JHED ID# \_\_\_\_\_

Attach MyLearning certificate. Trainer Check one: Initial \_\_\_\_\_ 6-month \_\_\_\_\_ Annual \_\_\_\_\_

Competency Category	Performance Indicator	CAP Element	Assessment Tool	Criteria Met	Criteria Not Met	Remedial Action
				Trainer v		
Reagent Stability and Storage	Maintains a working knowledge of QC storage and stability. - Records open and expiration dates on test strips and QC vials. - Does not use expired reagents.		Exam			
Refractometer Function checks and QC performance	Adheres to QC policies and procedures. - Runs appropriate QC levels at the defined frequency. - Verifies QC is within acceptable limits. - Adheres to defined corrective action for out-of-range QC results. - Demonstrates performance of QC and obtains acceptable results. - Documents QC results on QC log sheet	1,2,3,4,5	Direct observation Exam Review of records			
Specimen Collection and Test performance	Actively identifies and verifies patient identity with 2 unique identifiers. Determines the QC status of the Refractometer Adheres to procedure to collect urine sample. Labels the specimen at the bedside. Tests the sample as soon after collection as possible.	1	Direct observation Exam			
Factors Influencing Test Results	Understands the limitation of refractometry	6	Exam			
Documentation of Reporting of Results	Interprets and evaluates test results appropriately. Documents test results in the log book and patient record as per unit protocol. Can verbalize handling of abnormal values.	2,3	Direct observation Review of records			
Blind sample testing	Obtains results with the expected range for proficiency, QC or "Unknown".	5	Review of records Direct observation			
Problem-solving skills	Identifies problems that may adversely affect test performance, corrects the problem or notifies appropriate personnel. Documents corrective action. Demonstrates the use of "POCT Consult" on EPIC Secure Chat.	6	Exam Direct Observation			
Safety	Adheres to Standard Precautions protocol throughout testing procedure. Discards biohazardous materials according to policies.	1	Direct observation Exam			
Procedure review	Reads the current revision of the Specific Gravity procedure. Demonstrates ability to locate the current procedures online.		Operator Acknowledgment	Operator acknowledges responsibility for content of the procedure. Operator Initials: _____		

#### QC and Unknown Results

Distilled water: Range: \_\_\_\_\_ Result: \_\_\_\_\_ Acceptable? \_\_\_\_\_  
 Level 1 QC Lot#: \_\_\_\_\_ Range: \_\_\_\_\_ Result: \_\_\_\_\_ Acceptable? \_\_\_\_\_  
 Level 2 QC Lot#: \_\_\_\_\_ Range: \_\_\_\_\_ Result: \_\_\_\_\_ Acceptable? \_\_\_\_\_  
 Unknown sample: Evaluator Result: \_\_\_\_\_ Operator Result: \_\_\_\_\_ Acceptable? (+/- 0.002) \_\_\_\_\_

I have reviewed this checklist and observed this operator. This operator (circle one):

- A. Is competent to perform Specific Gravity testing on the Refractometer.
- B. Requires retraining before continuing to perform Specific Gravity testing. Retraining date: \_\_\_\_\_

Trainer signature: \_\_\_\_\_ Date: \_\_\_\_\_

Operator signature: \_\_\_\_\_ Date: \_\_\_\_\_ rev. 10-2023