Competency Assessment Program Observation Checklist: Abbott ARCHITECT® i2000SR® System (Basic Training)

User: Preview User

Checklist status: Incomplete: 17 tasks have not been marked.

Observed by: Not yet observed

Objectives:　　　　No objectives are provided for this checklist.

CLIA Categories: No CLIA categories are specified for this checklist.

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	**Task 1: Hardware / Software**		☐
☐	☐	☐	System Control Center		☐

- Power on/off
- Snapshot Screen
- Software Navigation
- Log on
- Ethernet
- Modem Connection

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	Processing Module (PM)		☐

- Processing Center
  - Processing Center Map
  - Different Components
- Supply and Waste Center
- Optional Components
- Processing Module Keypad
- Status
- Power On/Off

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	Retest Sample Handler (RSH)		☐

- RSH Keypad
- Status Indicator
- Routine Bay
- Priority Bay

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	**Task 2: Supplies**		☐
☐	☐	☐	RV's (Reaction Vessels)		☐

- Load

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	Reagents		☐

- Proper Handling
- Loading/Unloading

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	Bulk Solutions		☐

- Wash Buffer
  - Prepare
  - Load/Unload
- Trigger
  - Load
- Pre-trigger
  - Load

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	Solid Waste		☐
☐	☐	☐	Update Supplies		☐
☐	☐	☐	ARCHITECT ARM (as applicable)		☐

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	**Task 3: Principles of Operation**		☐
☐	☐	☐	CMIA Technology and Reaction Sequence		
☐	☐	☐	Routine Assay Processing		
☐	☐	☐	STAT Assay Processing		
☐	☐	☐	Optical Measurements		

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	**Task 4: Run Set-up**		☐
☐	☐	☐	Patient Order		
☐	☐	☐	Minimum Sample Volume		

- Sample cup/tube requirements

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	Sample Loading		☐

- Routine Bay
- Priority Bay

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	Initiating a Run		☐

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	**Task 5: Run Options**		☐
☐	☐	☐	Add Assays to an order		
☐	☐	☐	Add Dilution/Replicates to an order		
☐	☐	☐	Deleting an order		
☐	☐	☐	Batch order		

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	**Task 6: Results**		☐
☐	☐	☐	Releasing Results		☐
☐	☐	☐	Stored Results		☐

- Print Reports
  - Report Formats
- Manual Result Transmission

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	Result Flags		☐

- Rerun Tests
- Delete Tests

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	Exception		☐

- Exception review
- Rerun exceptions

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	**Task 7: Calibrations**		☐
☐	☐	☐	Types of Calibrations		☐

- 2-point Calibration Adjustment
- 6-point Calibration
- Index Calibration

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐	Ordering Calibrations		☐
☐	☐	☐	Calibration Review		☐
☐	☐	☐	Curve Storage		☐

N	Y	n/a		Comments	Assignee Signoff
☐	☐	☐			☐

					Comments	Assignee Signoff
☐	☐	☐	**Task 8: Quality Control**			☐
☐	☐	☐	Ordering QC			☐

- Single Constituent
- Multiconstituent

☐	☐	☐	Releasing QC			☐
☐	☐	☐	Stored QC			☐

- Levey-Jennings Graph
- Westgard Rules
- Review Stored QC Results

N	Y	n/a			Comments	Assignee Signoff
☐	☐	☐	**Task 9: Configuration**			☐
☐	☐	☐	System Settings			☐
☐	☐	☐	Install Assay			☐
☐	☐	☐	Assay Settings			☐

- Assay Parameters
- Retest Rules
- Panel Definition

☐	☐	☐	QC/Cal Settings			☐

- QC Configuration
  - Single Analyte
  - Multiconstituent
- Westgard Rule Configuration

☐	☐	☐	Log On Options			☐

N	Y	n/a			Comments	Assignee Signoff
☐	☐	☐	**Task 10: Maintenance**			☐
☐	☐	☐	Maintenance Log			☐

N	Y	n/a			Comments	Assignee Signoff
☐	☐	☐	**Task 11: Daily Maintenance**			☐
☐	☐	☐	6041 Wash Zone (WZ) Probe Cleaning - Automated			☐

N	Y	n/a			Comments	Assignee Signoff
☐	☐	☐	**Task 12: Weekly Maintenance**			☐
☐	☐	☐	6012 Air Filter Cleaning			☐
☐	☐	☐	6014 Pipettor Probe Cleaning			☐
☐	☐	☐	6015 Wash Zone (WZ) Probe Cleaning - Manual			☐

N	Y	n/a			Comments	Assignee Signoff
☐	☐	☐	**Task 13: As Needed Maintenance**			☐
☐	☐	☐	Sample, R1, R2 or STAT Pipettor Calibration			☐
☐	☐	☐	2130 Flush Fluids			☐
☐	☐	☐	2133 Air Flush			☐
☐	☐	☐	6043 WZ Probe Cleaning – Bleach (optional)			☐
☐	☐	☐	2185 Wash Buffer Unload			☐
☐	☐	☐	1119 Transport Calibration – RSH			☐
☐	☐	☐	6311 RSH Cleaning			☐
☐	☐	☐	3520 Temperature status			☐

N	Y	n/a			Comments	Assignee Signoff
☐	☐	☐	**Task 14: Data Management**			☐

			System Backup		☐

- 6004 Copy Backup Software
- 6114 Install/Delete Assays

			Archive		☐

- Patient
- QC

N	**Y**	**n/a**		**Comments**	**Assignee Signoff**
☐	☐	☐	**Task 15: Component Replacement and Troubleshooting**		☐
☐	☐	☐	Probe (R1,R2,Sample and STAT)		☐
☐	☐	☐	Probe Tubing (R1,R2,Sample and STAT)		☐
☐	☐	☐	Wash Zone (WZ) Probes		☐
☐	☐	☐	Wash Zone (WZ) temperature tubing/sensor		☐
☐	☐	☐	Waste arm tubing/sensor		☐
☐	☐	☐	Level sensors (Trigger, Pre-Trigger, Buffer)		☐

N	**Y**	**n/a**		**Comments**	**Assignee Signoff**
☐	☐	☐	**Task 16: Component Replacement and Troubleshooting - Buffer Filter**		☐
☐	☐	☐	Wash zone valves		☐
☐	☐	☐	Syringe valves		☐
☐	☐	☐	Load – unload diverter		☐
☐	☐	☐	RV – loader wheel		☐
☐	☐	☐	RV Transport		☐
☐	☐	☐	Process Path		☐

N	**Y**	**n/a**		**Comments**	**Assignee Signoff**
☐	☐	☐	**Task 17: Component Replacement and Troubleshooting - Diagnostic Controls**		☐
☐	☐	☐	Reaction Mechanism		☐
☐	☐	☐	Pipettors		☐
☐	☐	☐	Fluid/Wash		☐

- WZ Aspiration

☐	☐	☐	Syringes/Pumps		☐
☐	☐	☐	Barcode Readers		☐
☐	☐	☐	Modules		☐
☐	☐	☐	Solenoids/Sensors		☐

- Trigger/Pre-trigger sensors

☐	☐	☐	Optics/Temperature		☐

- Background test

☐	☐	☐	Carousels		☐
☐	☐	☐	Precision		☐

N	**Y**	**n/a**	**N** = Does not meet standard; **Y** = Meets standard; **n/a** = Not applicable	**Comments**	**Assignee Signoff**