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| ***This test form follows the Integrated Barcode Scanner IQOQ Procedure (GEX Doc. #100-278)*** | |
| **Barcode Scanner S/N:** | **Scanner installed in**  **spectrophotometer ID/SN:** |
| **Make/Model:** |
| **Date Performed:** |
| **Notes:** | |

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| --- | --- | --- | --- | --- | --- |
| **Step** | **Instructions** | **Expected Result** | | **Actual Result** | **Result of Test**  **(check pass or fail)** |
| **1** | Confirm the scanner is installed on the spectrophotometer's baseplate-holder system in accordance with GEX product usage instructions.  Product usage instructions: GEX Doc# 100-132 Matrix 120 Barcode Scanner. | The scanner is correctly installed on the spectrophotometer's baseplate-holder system in accordance with GEX product usage instructions. | | The scanner \_\_\_\_\_\_\_\_ **(is/is not)** correctly installed on the spectrophotometer's baseplate-holder system in accordance with GEX product usage instructions. | Pass  Fail |
| **2** | Plug the scanner's USB connector to the PC. Allow the scanner to fully power-on and initialize. | A steady blue light and a steady green light is present on the scanner when connected by USB to the PC, indicating the scanner is fully powered on and initialized. | | A steady blue light and a steady green light \_\_\_\_\_\_\_\_ (is/is not) present on the scanner when connected by USB to the PC, indicating the scanner is fully powered on and initialized. | Pass  Fail |
| **3** | Place a dosimeter in the spectrophotometer's baseplate-holder system, scan the dosimeter ID and confirm the scanned data matches the actual data printed on the physical dosimeter.  Do one of the following:  a) In the GEX DoseControl software, measure the dosimeter and capture the dosimeter's ID using the installed Matrix scanner. Confirm the scanned dosimeter ID matches the physical dosimeter ID. Product usage instructions: GEX Doc# 100-266 DoseControl Software user guide.  b) In the Datalogic DL.CODE software, open the device configuration screen. Confirm the scanned dosimeter ID matches the physical dosimeter ID. Product usage instructions: GEX Doc# 100-132 Matrix 120 Barcode Scanner. | The scanner is accurately scanning the dosimeter ID barcode in accordance with GEX product usage instructions. | | The scanner \_\_\_\_\_\_\_\_\_\_ (is/is not) accurately scanning the dosimeter ID barcode in accordance with GEX product usage instructions.  Write the test sample dosimeter ID:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Evidence: Screenshot of the scanned dosimeter ID captured in either the GEX DoseControl or Datalogic DL.CODE software. Paste into the space below or into a subsequent page of this form.** | Pass  Fail |
| **4** | Repeat the above instruction for multiple dosimeters. Confirm that the scanner accurately scans multiple dosimeter IDs, such that for each dosimeter sample the scanned data matches the actual data printed on the physical dosimeter. | The scanner is accurately scanning the dosimeter ID barcode for multiple dosimeter samples. | | The scanner \_\_\_\_\_\_\_\_\_\_\_\_ (is/is not) accurately scanning the dosimeter ID barcode for multiple dosimeter samples. | Pass  Fail |
| **Evidence (or attach to subsequent page):** | | | | | |
| **Results Authorization Pass:  Fail:** | | | | | |
|  | | |  | | |
| **Performed by** | | | **Date** | | |
|  | | |  | | |
| **Reviewed by** | | | **Date** | | |