

***Device Under Test***

|  |  |
| --- | --- |
| ***Client:*** <Client> | ***Type:*** <Type> |
| ***Asset Number:*** <AssetNumber> | ***Serial Number:*** <SerialNumber> |
| ***Location:*** <Location>  ***Manufacturer:*** <Manufacturer> | ***Model:*** <Model> |

***Test Equipment:***

|  |
| --- |
|  |

***Performance Test Summary***

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| --- |
| **<PerformanceTest>** |

***Signatures***

|  |  |
| --- | --- |
| Name: <Name> | Date: <Date> |

***Performance Test Results***

***Visual Inspection:***

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| --- | --- |
| Examine for damage, wear and contamination | **<result1>** |

***Boot Sequence:***

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| --- | --- |
| Power ON and Error LED switch on immediately and is RED | <result2> |
| Alarm LEDs are switched on, Philips Logo displayed on the screen | **<result3>** |
| Measurement information displayed on the screen within 30 seconds | **<result4>** |

***ECG Test and ECG Sync Pulse:***

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| --- | --- |
| ECG Sinus Rhythm, 100bpm. Check displayed ECG and HR Value 100+/- 2bpm | <result5> |
| Connect to another device and confirm it triggers on the ECG sync Pulse | **<result6>** |

***SpO2 Test:***

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| --- | --- |
| Connect the sensor, attach to your index finger. Displayed Value 95-100% | <result7> |

***Respiration Rate:***

|  |  |
| --- | --- |
| Base Imp 1500Ω, Delta Imp 0.5Ω, Resp 40 rpm. |  |
| Displayed value 40rpm +/- 3 | **<result8>** |

***NBP Test:***

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| --- | --- |
| Enter Service Mode. NBP Accuracy Test. Enter NBP Setup, Closed Valves: ON |  |
| Set simulator value to approximately 280mmHg, Displayed value 280 +/-3 | **<result9>** |
| Linearity Test. Reduce pressure to 150mmHg. Displayed value 150 +/- 3 | **<result10>** |
| Leak Test. Leak < 6mmHg, 250ml Cuff (3mmHg 500ml Cuff) for 60sec | **<result11>** |
| Valve Test. Set to 280mmHg. Closed Valves: OFF. Displayed value 10mmHg | **<result12>** |

***Invasive Pressure:***

|  |  |
| --- | --- |
| Zero Calibration with patient simulator set to 0 pressure |  |
| Configure P= 200mmHg. Displayed value 200 +/- 5 | **<result13>** |

***Temperature Test:***

|  |  |
| --- | --- |
| Set simulator to 40◦C. Displayed value 40 +/- 0.2◦C | <result14> |

***Microstream CO2 Performance Test:***

|  |  |
| --- | --- |
| Use Verification Gas M2506A (or equivalent gas mixture with 5% CO2)  Expected result is 36mmHg - 40mmHg | <result15> |

***Comments:***

<Comments>