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**Quality Control Report**

**Serial #: 330**

**Date:** 17 December 2022

**Tested By: df**

**Approved By:**

**Safety Interlock Check:**

**Laser mount**

**Laser rear cover**

**Upper Cover for Splitter**

**Wind-Protector lid**

**Pre-QC Splice Alignment Check:**

**SMF to SMF Clad Align – Mode 1**

**SMF to SMF Core Align – Mode 2**

**PANDA to PANDA PAS Align – Mode 3**

**PANDA to PANDA End View Align – Mode 4**

**1100 to 1100 Align – Mode 5**

**1100 Capillary Theta run-out check and enter value on traveler**

**2000 to 2000 Align – Mode 7**

**Debris check Focus Units – Mode 7**

**Functional Testing:**

**SMF to SMF** – Clad aligned splice, with no lens, 0mm beam offset.

**SMF to SMF** – Core aligned splice, with no lens, 0mm beam offset.

**PANDA to PANDA** – PAS aligned splice, with no lens, 0mm beam offset.

**PANDA to PANDA** – End View aligned splice, with no lens, 0mm beam offset.

**Taper** – 800/1110 to 385/534 capillary taper using rotation, with no lens, 1.5mm beam offset.

**Splice & Taper** – 2000u to 2000u splice and taper 2000u to 200u, with no lens, 1.5mm beam offset.