

Petal check v1.0

This sheet should follow the petal through the whole process until the TIC

Petal ID : 30250__00000__ _ _

PETAL RECEPTION:	<i>remark</i>	<i>o.k</i>
Accept transfer		
box not damaged ¹⁾		
Remove carton ^{a)}		
plastic protection fine ¹⁾		
check for damages etc. ²⁾		
create in e-log		

Date Initials

PETAL PREPARATION:	<i>Remark</i>	<i>o.k</i>
modules booked		
XML for assembly downloaded	saved at loc :	
	BELOW IS OPTICAL INSPECTION	
soldering remains		
CCU well mounted (visually!) ³⁾		
fiber channels well closed		
fibers are correctly routed		

Date Initials

MODULE PREPARATION:	<i>Remark</i>	<i>o.k</i>
Modules booked ^{b)}		
Fine optical inspection ⁴⁾		
ARC test ^{c)}		

Date Initials

MODULE INTEGRATION:	<i>Remark</i>	<i>o.k</i>
fiber protection installed		
HV/LV connection ok?		
crosscheck screws ^{d)}		
Optical inspection		

Date Initials

FINAL OPTIC. INSPECTION:	<i>Remark</i>	<i>o.k</i>
Modules (bonds, spots, grease) ⁵⁾		
AOHs (retest if needed)		
Fibers, channels, dust		
Picture of problems ^{e)}		

Date Initials

Additional actions if not o.k.

- 1) inform sender and go to the “OPTICAL INSPECTION” section
- 2) take pictures and contact PIC responsible / producer (Aachen)
- 3) use gloves if you have to press/push
- 4) take pictures of dubious bonds and report: there should be an agreement (also from TIC) on the use of such a module
- 5) replace the module if too bad

Remarks:

- a) package is needed by Aachen for the next shipment of new mechanics
- b) each module that is not used should be unbooked BEFORE xml DB insertion and if the reason is a problem it should be reported in a dedicated sheet
- c) avoid to do this test too early (> 1 week before integration ?) as this test is meant to check the module quality just before integration
- d) should be done by another operator; keep track which one and how many turn(s)
- e) each dubious point should be documented (exact location) and photographed