





FUJIKURA FIBER OPTICS VIETNAM LTD																										
INITIAL CONTROL COMPLETION REPORT																										
Form No: 4-Pr-013-4-Fo-002			Version: 05	Page: 1/1	Effective date: EIC date		4-Pr-013-4-Fo-002/5																			
Form prepared by: Trang NXQ			Form checked by: Duc TNM				Form approved by: Van NHP																			
<div>Prepared by: ChauVNB</div> <div>Checked by: ThuongHTH</div> <div>Date: 27-Sep-24</div> <div>Date: 01-Oct-24</div> <div>Section: QAE</div> <div>Report No: 4-Pr-013-4-Fo-002-9-RC-0171</div> <div>Initial control plan N 4-PR-013-4-Fo-001-4-RC-0258</div> <div>Product/project nan Initial control plan for New product-Pump Combiner</div> <div>Kind of control: <input checked="" type="checkbox"/> New product/project <input type="checkbox"/> Product design change <input type="checkbox"/> MFG location/layout change <input type="checkbox"/> Re-running <input type="checkbox"/> Other: .....</div> <div>5 Scope of control (Initial control term/ Lot No./ PO/Quantity/Period that applied initial control):</div> <table><tr><th>Item Number</th><th>Spec Number</th><th>Product name</th><th>ID No</th><th>Quantity (pcs)</th><th>Shipping date</th></tr><tr><td>FPC0004</td><td>SPC3-10766(1)</td><td>Cezanne forward pump CMB(MPC-I-007)</td><td>381399</td><td>24</td><td>10/4/2024</td></tr><tr><td>FPC0005</td><td>SPC3-10766(1)</td><td>Cezanne backward pump CMB(MPC-I-007)</td><td>381412</td><td>24</td><td>10/4/2024</td></tr></table>									Item Number	Spec Number	Product name	ID No	Quantity (pcs)	Shipping date	FPC0004	SPC3-10766(1)	Cezanne forward pump CMB(MPC-I-007)	381399	24	10/4/2024	FPC0005	SPC3-10766(1)	Cezanne backward pump CMB(MPC-I-007)	381412	24	10/4/2024
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FPC0005	SPC3-10766(1)	Cezanne backward pump CMB(MPC-I-007)	381412	24	10/4/2024																					
A/ Review Initial control result:																										
A.1./ Result based on initial control plan:																										
5 A.1.1/ Evaluation items:																										
No.	Evaluation items	Process	Measuring item	Frequency	Expectation of result	Result/Actual data	Investigation of gap	Decision [Close/open/other]																		
1	Fail heat box B	Thermal Inspection	Check by Thermal image & measure value	100%	Yield at process ≥ 74.9% ( trial run result )	82.22%	-	Close																		
2	Dust inside OF600 resin	Resin dispensing	Check by magnifier & microscope x100	100%	Yield at process ≥ 88.2% ( trial run result )	91.17%	-	Close																		
3	Fiber appearance	QC Inspection	Check by magnifier & microscope x100	100%	Yield at process ≥ 75.9% ( trial run result ) 0 case fiber coating exposed glass part 0 case fiber break (short length).	75% (without fiber broken at splicing point) 76.19% (including fiber broken at splicing point)	There is 1 case fiber broken at splicing point. =>Estimate come from stororage control of KE3466 resin & apply wrong direction of Ionizer fan	Close. After improvement, there is no case from 14-Sep-24 to 30-Sep-24																		
No.	Item/Parameter	Specification		Review result																						
		Criterion	Picture - If any	Actual	Judgement	Remark																				
1	FBG SN	Have first characters"CHK" &"CCK"		Have first characters"CHK" &"CCK"	Compliance																					
2	Tensile strength (proof tension)	280+10/-10 gf		280+10/-10 gf	Compliance																					
3	Reinforcement tension	35+5/-5 gf		35+5/-5 gf	Compliance																					
4	ΔM2(Clad and Core transmitted light)	≤0.2 for Forward Pump ≤0.13 for Backward Pump		≤0.2 for Forward Pump ≤0.13 for Backward Pump	Compliance																					
5	ΔM2(Core transmitted light)	≤0.13 for Backward Pump		≤0.13 for Backward Pump	Compliance																					
6	Signal Transmittance	≥ 97% for Backward Pump		≥ 97% for Backward Pump	Compliance																					
7	Pump Transmittance	≥ 97.5%		≥ 97.5%	Compliance																					
8	Thermal inspection	Specification from Box A to Box F		Same as product specification from Box A to Box F	Compliance																					
9	FBG Fiber length between FBG recoat and fiber end	1500+100/-100 mm		1500+100/-100 mm	Compliance																					
10	Signal fiber length	1400+10/-10mm for Forward Pump 580+10/-10 mm for Backward Pump		1400+10/-10mm for Forward Pump 580+10/-10 mm for Backward Pump	Compliance																					
11	Pump fiber length	1160+100/-100mm		1160+100/-100mm	Compliance																					
12	FBG Fiber length between reinforcement structure and FBG recoat	1040+70/-70mm for Forward Pump 990+70/-70mm for Backward Pump		1040+70/-70mm for Forward Pump 990+70/-70mm for Backward Pump	Compliance																					

A 2./ Review risks during initial control:

Is there any additional risk that is not affected current FMEA:

No.	Process	Risk description	Action	PIC	Duedate	Result	Decision [Close/open/other]
1							
...							

Refer technical report (if any):

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Need to update FMEA

☒

NO need to update FMEA

Released FMEA No.:

Version:

B./ Decision come to Mass Production under innitial control

B.1/ Initial running result:

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GOOD

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NOT GOOD

In case there's any decision which is not close at A1, A2 but initial running is still **GOOD**, please break down the reason/information:

Almost of target is achieved. One case which is fiber broken in splicing point, we estimate come from strorage control of KE3466 resin & apply wrong direction of Ionizer fan at QC process.

After improvement, there is no case fiber broken at splicing point from 14-Sep-24 to 30-Sep-24. So we can accept to move mass production stage.

Confirmed by:

Date:

ChauVNB

27-Sep-24

B.2/Conclusion

Accept for continue mass production

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YES

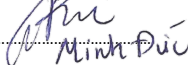
☐

NO

Comment:

Approved by:

Date:

  
Minh Duc

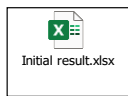
01-Oct-2024

QAE  
control

Confidential

FOV 's property, do not take out without FOV BOM's approval

Revision history						
Date	Person	Version	Description		Reason	Requester
			Old content	New content		
9-May-11	Trungdn	1		Establish		Nguyen H. P. Van
23-Dec-13	Thudm	2	B2./Risk in direct process (production process) There isn't MP control	Add information to confirm production control system for new product designed.		Dao Ngoc Trung
17-Nov-14	Nguyenhh	3	- Heater: Doc No. only - No revision history - "MP control" show in Risk in direct process	- Add heater: version, page, barcode - Add revision history - Move "MP control" to B1./ Risk in indirect process	Update format as O-PR-001	Dao Ngoc Trung
10-Jul-18	Trang NXQ	4	1) Old format. 2) - "Product/material/project name" - Kind of control: + "New product/Project/material" + "Re-design" - Q'ty of control. 3) - A. Review trial run result... - B. Risk evaluation before mass production... - C. Baseline all Q-condition... - D. Evaluate of Capability... 4) Did not have any comment when Intial running result is good but there's some items not being closed as requirements in A, B, C	1) New format. Add "QAE control". 2) - Eliminate "Material", "Re-design". - Add "Product design change", "MFG location/layout change", "Other" - Add "Scope of control" 3) Change A, B, C, D to A: "Review Initial control result" section A.1. Result based on Initial control plan A.2. Review risks during initial control. 4) B.1.: Require breaking down the reason when there's any decision not being close at A1, A2 but initial running is good.	1) Update new format. 2), 3), 4) Update to become suitable for actual using.	Duc TNM
31.Jul.19	Trang NXQ	5	1) Old format: "Prepared by", "Checked by", "Approved by" 2) Scope of control (Quantity/Period that applied initial control): 3) None	1) New format: "Form prepared by", "Form checked by", "Form approved by". 2) Add "Initial control term/ Lot No./ PO/" 3) A.1./ Result based on initial control plan: Add: - "A.1.1/ Evaluation items" sentence. - "A.1.2/ Compliance check" section.	1) Easier to understand. 2) Make more detail about the scope 2) Follow 4-Pr-013 ver 12	<b>QAE</b> Duc TNM



Close. No  
case from  
14-Sep-24  
to 30-Sep-  
24













































































