QUALITY CONTROL FLOW CHART OF FUSECONNECT-SC			
Document No.: 4-QC-182	Version: 12	Page: 1/9	

I. Purpose

- To set up the manufacturing processes which are implemented in Fujikura Fiber Optics Vietnam
- To determine Quality control items of each process

II. Application

- This guideline is applied for FUSECONNECT-SC product
- This document concerns to Production function, Production engineering function, Quality Assurance function and Planning function.

III. Reference document

- Customer specification

No	Specification	Product Name	Remark
1	FUSECONNECT-SC-SF-SM-20/30	PNJHY-0107-25-29F	
2	FUSECONNECT-ST-SF-GI5-30	PNJHY-0107-25-43A#7	
3	FUSECONNECT-SC-SF-SM-09	PNJHY-0107-25-14C	
4	FUSECONNECT-SC-SF-APC-09	PNJHY-0107-25-15C	
5	FUSECONNECT-SC-SF-10G-09	PNJHY-0107-25-45B#3	
6	FUSECONNECT-ST-SF-SM-20	PNJHY-0107-25-43A#1	
7	FUSECONNECT-SC-SF-GI5-09	PNJHY-0107-25-45B#2	
8	FUSECONNECT-SC-SF-GI6-09	PNJHY-0107-25-45B#1	
9	FUSECONNECT-ST-SF-GI6-09	PNJHY-0107-25-42#2	
10	FUSECONNECT-FC-SF-APC-20/30	PNJHY-0107-25-38	
11	FUSECONNECT-FC-SF-APC-09	PNJHY-0107-25-40	
12	FUSECONNECT-ST-SF-10G-30	PNJHY-0107-25-43A#8	
13	FUSECONNECT-ST-SF-SM-30	PNJHY-0107-25-43A#5	
14	FUSECONNECT-SC-SF-10G-20/30	PNJHY-0107-25-34E#2	
15	FUSECONNECT-SC-SF-GI6-20/30	PNJHY-0107-25-34E#3	
16	FUSECONNECT-ST-SF-GI6-30	PNJHY-0107-25-43A#6	
17	FUSECONNECT-SC-QA-APC-20	PNJHY-0107-25-48J#1	
18	FUSECONNECT-SC-QA-APC-30	PNJHY-0107-25-48J#2	
19	FUSECONNECT-SC-QA-SM-20	PNJHY-0107-25-48J#3	
20	FUSECONNECT-SC-QA-SM-30	PNJHY-0107-25-48J#4	
21	FUSECONNECT-SC-QA-GI5-20	PNJHY-0107-25-49E#1	
22	FUSECONNECT-SC-QA-GI5-30	PNJHY-0107-25-49E#2	
23	FuseConnect-SC-SF-APC-35	JDAA-11-14-0473	
24	FUSECONNECT-SC-QA-APC-32	PNJHY-0107-25-56	
25	FUSECONNECT-FC-SF-GI6-20/30	PNJHY-0107-25-94A#1	
26	FUSECONNECT-SC-SF-GI6-09	HY-0107-095#1\$002	
27	FUSECONNECT-FC-SF-GI5-20/30	PNJHY-0107-25-94A#2	
28	FUSECONNECT-FC-SF-10G-20/30	PNJHY-0107-25-94A#3	
29	FUSECONNECT-SC-QA-APC-20	PNJHY-0107-25-98E#1	
30	FUSECONNECT-SC-QA-SM-30	PNJHY-0107-25-98D#4	
31	FUSECONNECT-SC-QA-GI5-30	HY-0107-099#2\$001	
32	FUSECONNECT-SC-QA-10G-30	HY-0107-099#4\$001	
33	FUSECONNECT-SC-QA-GI6-30	HY-0107-099#6\$001	

QUALITY CONTROL FLOW CHART OF FUSECONNECT-SC				
Document No.: 4-OC-182	Version: 12	Page: 2/9		

34	FUSECONNECT-SC-SF-SM-09	PNJHY-0107-25-64A
35	FUSECONNECT-ST-SF-SM-09	PNJHY-0107-25-92#1
36	FUSECONNECT-ST-SF-GI6-09	HY-0107-092#2\$001
37	FUSECONNECT-SC-SF-APC-09	HY-0107-065#1\$005
38	FUSECONNECT-SC-SF-GI5-09	HY-0107-095#2\$002
39	FUSECONNECT-SC-SF-10G-09	PNJHY-0107-25-95A#3
40	FUSECONNECT-FC-SF-SM-20/30	PNJHY-0107-25-85A
41	FUSECONNECT-ST-SF-10G-30	PNJHY-0107-25-93#8
42	FUSECONNECT-SC-QA-SM-UPC-32	HY-0107-056#2\$001
43	FUSECONNECT-ST-SF-GI5-09	HY-0107-092#3\$001
44	FUSECONNECT-ST-SF-SM-30	PNJHY-0107-25-93#5
45	FUSECONNECT-ST-SF-GI6-30	PNJHY-0107-25-93#6
46	FUSECONNECT-ST-SF-GI5-30	HY-0107-093#7\$001
47	FUSECONNECT-SC-QA-SM-20	PNJHY-0107-25-98D#3
48	FUSECONNECT-SC-SF-SM-20/30	HY-0107-079\$001
49	FUSECONNECT-SC-SF-GI5-20/30	PNJHY-0107-25-34E#1
50	FUSECONNECT-FC-SF-SM-20/30	PNJHY-0107-25-35
51	FUSECONNECT-FC-SF-SM-09	PNJHY-0107-25-39
	FUSECONNECT-SC-SF-APC-	HY-0107-065#3\$001
52	09(50PCS/BOX)	
53	FUSECONNECT-SC-QA-SM-UPC-32	HY-0107-056#3\$001
54	FUSECONNECT-SC-QA-APC-30	HY-0107-098#2\$001
55	FUSECONNECT-SC-APC-DC	PNJHY-0107-25-96C#4
56	FUSECONNECT-SC-QA-SM-APC-32	PNJHY-0107-25-56K#1
57	FUSECONNECT-SC-SF-APC-09	PNJHY-0107-25-65B#1
58	FUSECONNECT-FC-SF-GI5-09	PNJHY-0107-25-97A#2
59	FUSECONNECT-FC-SF-10G-09	PNJHY-0107-25-97A#3
60	FUSECONNECT-FC-SF-GI6-09	PNJHY-0107-25-97A#1
61	FUSECONNECT-SC-APC-DC	PNJHY-0107-25-96B#4
62	FUSECONNECT-SC-SF-APC-09	HY-0107-065#2\$001
63	FUSECONNECT-FC-SF-APC-20/30	PNJHY-0107-25-88A
64	FUSECONNECT-FC-SF-SM-09	PNJHY-0107-25-89A
65	FUSECONNECT-FC-SF-APC-09	PNJHY-0107-25-90A
66	FUSECONNECT-SC-SF-APC-09	PNJHY-0107-25-134
67	FUSECONNECT-SC-QA-10G-20	PNJHY-0107-25-49E#3
68	FUSECONNECT-SC-QA-10G-20	PNJHY-0107-25-99C#3
69	FUSECONNECT-SC-QA-SM-APC-32	HY-0107-056#1\$001
70	FUSECONNECT-SC-QA-SM-20	HY-0107-098#3\$001
71	FUSECONNECT-SC-QA-10G-30	PNJHY-0107-25-49E#4
72	FUSECONNECT-SC-QA-SM-30	HY-0107-098#4\$001
73	FUSECONNECT-SC-QA-10G-20	HY-0107-099#3\$001
74	FUSECONNECT-SC-QA-OM4-20	HY-0107-099#7\$001
75	FUSECONNECT-SC-QA-OM4-30	HY-0107-099#8\$001
76	FUSECONNECT-SC-QA-GI6-20	HY-0107-099#5\$001
77	FuseConnect-SC-SF-SM-20/30	PNJHY-0107-25-79B
78	FUSECONNECT-SC-QA-GI5-20	HY-0107-099#1\$001

Document No.: 4-QC-182 QUALITY CONTROL FLOW CHART OF FUSECONNECT-SC Version: 12 Page: 3/9

79	FUSECONNECT-SC-SF-APC-09	PNJHY-0107-25-65B#2
80	FUSECONNECT-SC-QA-SM-20	HY-0107-048#3\$001
81	FUSECONNECT-SC-QA-APC-30	HY-0107-048#2\$001
82	FUSECONNECT-SC-QA-APC-20	HY-0107-098#1\$001
83	FUSECONNECT-SC-SF-APC-09	HY-0107-065#2\$005
84	FUSECONNECT-SC-QA-APC-20	TS-2202-02A#1
85	FUSECONNECT-SC-QA-SM-20	TS-2202-02A#3
86	FUSECONNECT-SC-SF-APC-09	HY-0107-065#4\$003
87	FUSECONNECT-ST-SF-10G-20	HY-0107-093#4\$001
88	FUSECONNECT-ST-SF-10G-09	HY-0107-092#4\$001
89	FUSECONNECT-ST-SF-SM-09	HY-0107-092#1\$001
90	FUSECONNECT-SC-SF-10G-09	HY-0107-095#3\$001
91	FUSECONNECT-SC-SF-GI5-20/30	HY-0107-084#1\$001
92	FUSECONNECT-SC-SF-10G-20/30	HY-0107-084#2\$001
93	FUSECONNECT-ST-SF-10G-30	HY-0107-093#8\$001
94	FUSECONNECT-SC-SF-GI6-20/30	HY-0107-084#3\$001
95	FUSECONNECT-SC-QA-APC-20	HY-0107-048#1\$001
96	FUSECONNECT-SC-QA-SM-30	HY-0107-048#4\$001
97	FUSECONNECT-SC-SF-APC-48	HY-0107-138#2\$001
98	FUSECONNECT-ST-SF-GI6-30	HY-0107-093#6\$001
99	FUSECONNECT-ST-SF-GI6-20	HY-0107-093#2\$001
100	FUSECONNECT-SC-SF-10G-09	HY-0107-095#3\$002
101	FUSECONNECT-SC-SF-SM-48	HY-0107-138#1\$001
102	FUSECONNECT-ST-SF-SM-30	HY-0107-093#5\$001
103	FUSECONNECT-ST-SF-GI5-20	HY-0107-093#3\$001
104	FUSECONNECT-SC-SF-APC-20/30	HY-0107-080\$001
105	FUSECONNECT-SC-SF-APC-09	HY-0107-065#4\$004
106	FUSECONNECT-ST-SF-SM-20	HY-0107-093#1\$001
107	FUSECONNECT-SC-SF-SM-09	HY-0107-064\$001
108	FUSECONNECT-SC-SF-OM4-09	HY-0107-095#4\$002
109	FUSECONNECT-SC-SF-APC-09	HY-0107-065#4\$005
110	FUSECONNECT-SC-SF-APC-09	HY-0107-140#1\$001



- FMEA No.: 0-PR-012-0-Fo-001-4-RC-0159 version 03

*Item number: Alternative item with same name and spec can be applied this QC.

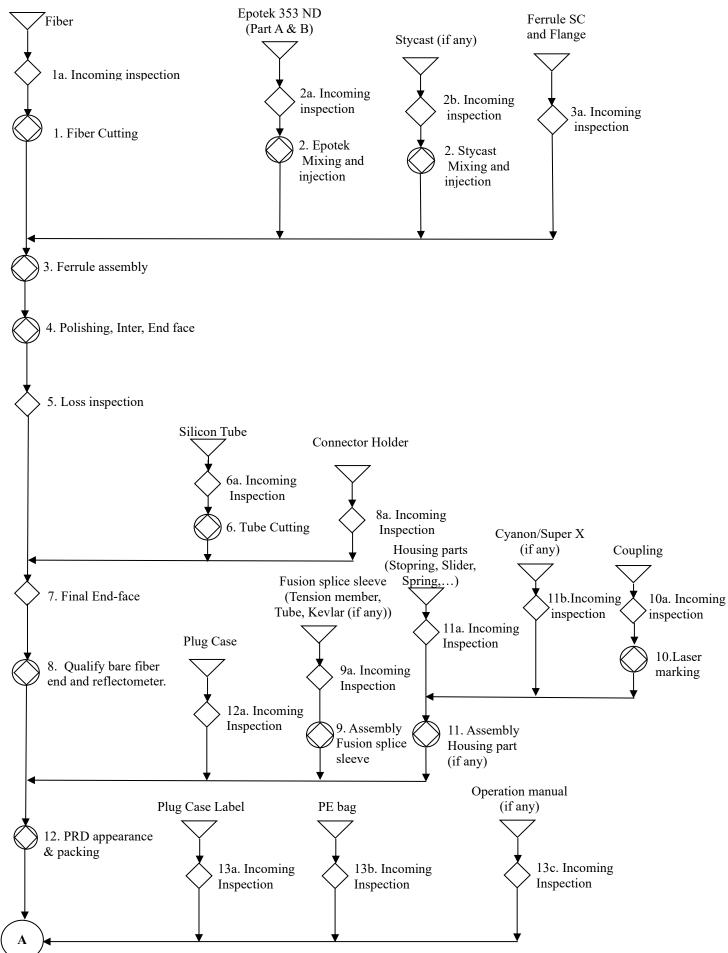
IV. Term definition

- FOV: Fujikura Fiber Optics Vietnam Ltd.,
- PRD: Production section
- PRE: Production Engineering
- QAE: Quality Assurance Engineering
- LOG: Logistic section
- FUSECONNECT-SC: one kind of products which are manufacture in FOV.

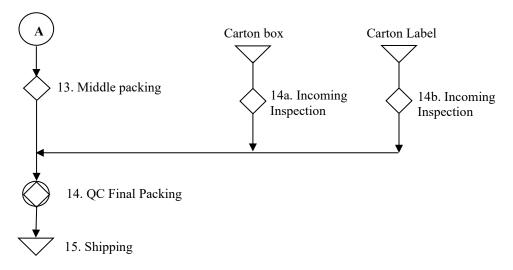
QUALITY CONTROL FLOW CHART OF FUSECONNECT-SC				
Document No.: 4-QC-182	Version: 12	Page: 4/9		

V. Contents

1. QC flow chart:



Document No.: 4-QC-182 QUALITY CONTROL FLOW CHART OF FUSECONNECT-SC Version: 12 Page: 5/9



2. Process condition and control items

	Process	Quality Control Items	Instrument	Sampling	Related	SIC
No.	Name	Quantity Control 1101115	111301 41110110	size	Document	
1a	Incoming Inspection (Fiber)	Refer to 9-PR-012: Quality inspection control material			PLN QAE	
		- Fiber type, lot No	Visual	A 11		DDD
1	Fiber cutting	- Fiber length	Bobbin template	All	4-OP-182	
		- Fiber length checking	Ruler	3 samples/ ID		1112
2a	Incoming Inspection (Epotek-353ND part A & B)	Refer to 9-PR-01	2: Quality inspection c	ontrol material		PLN QAE
2b	Incoming Inspection (Stycast 2057)	Refer to 9-PR-01	2: Quality inspection c	ontrol material		PLN QAE
		- Lot No. (Part A & B) - Expiration date (Part A & B)	Visual			
		- Mixing Ratio	Balance			
2	Adhesive mixing	- Mixing Time	Timer	All	4-OP-500	PRE PRD
2	and injection	Remove air bubble	Centrifugal	All	4-OP-300	
		- Air bubble checking	Visual			
		- Lifetime of adhesive (start at mixing time)	Timer		PLN	
3a	Incoming Inspection (Ferrule SC and flange)	Refer to 9-PR-012: Quality inspection control material			PLN QAE	
		- Epotek injection into ferrule	Dispenser/ Machine			
		- Epotek injection into flange	Dispenser/ Machine			
		- Assembly ferrule and flange	Tool			PLN QAE PRE PRD
		- Ferrule length after assembly	Dial gauge			
		- Stripper No. - Heater No.			4-OP-0470 4-OP-182	DDD
3	Ferrule Assembly	-Fiber length before insert into ferrule - Check and cleaning adhesive flow out (if any)	Visual	All	9-PR-008- 4-WI-0020	
		- Lifetime of adhesive	Timer]		
		- Heater condition - Heating time	Heater			
		- Epotek on ferrule (if any)	Combination tool/ Ring Gauge			

QUALITY CONTROL FLOW CHART OF FUSECONNECT-SC				
Document No.: 4-OC-182	Version: 12	Page: 6/9		

		•	1		•		
			- Polisher Condition APC/UPC	Manual	_		
		Polisher	Polishing machine No.Interference machine No.	Manual	All		
4	Polishing	Conditi	- Ferrule & Fiber End-face	Microscope		4-OP-182 4-OP-528	DDE
	, Inter, End face		- Interferometer checking APC	I	All		PRD
		UPC	- Interferometer checking UPC	Interferometer	Sampling 2/24pcs	4-W1-0020	
			- Ferrule length after polishing	Dial gauge	All		
5	5 Loss Inspection		 System control No. P0 value Master cord control No. Normal loss value (Connector Plug) 	Loss system	All	4-OP-182 9-PR-008- 4-WI-0020	PRE PRD
			- Normal loss value (Fusion Connector)		1/ 1000 products		PRE PRD PLN QAE PRD, PRE PRD PLN QAE PRE PRD
ба	Incoming I (Silicon Tu		Refer to 9-PR-01	2: Quality inspection c	control material		
_	T. 1. C		- Tube length	Machine	All	4 OP 102	PRE
6	Tube Cutti	ng	- Checking length	Ruler/Template	3samples/ ID	4-OP-182	
			- Fiber end-face check	Microscope		4-OP-182	מממ
7	Final End-face		- Length of silicon tube on ferrule	Template	All	9-PR-008- 4-WI-0020	
8a	8a Incoming Inspection (Connector Holder) Refer to 9-PR-012		2: Quality inspection of	control material			
	(- Ferrule position in holder - Holder locking condition	Visual			<u> </u>
			- Striper No	Visual			
	Qualify bo	ra fibar	- Fiber cleaning - Fiber screening	Manual		4-OP-182	
8	end and Reflectome		- Cleaver No Fusion splice machine No.	Visual	All 9-PR-008- 4-WI-0020	9-PR-008-	
	remedian		Fiber bending check.Bare fiber length	Jig, microscope			
			-Angle end-face checking -Splice ability	Splicer			
			- Fiber Appearance	Visual 12			
9a	Incoming Inspection (Tension member, tube, Kevlar (if any))		Refer to 9-PR-01	2: Quality inspection c	control material		
			- Tube length	Machine/ruler	Sampling 3pcs/lot		
	Assembly	fusion	- Heating machine check			4-OP-182	PRF
9	splice slee		- Heating condition	Visual	All	9-PR-008- 4-WI-0020	
			- Tension member position	Visual	All	4-W1-0020	
			- Tube appearance				
10a	Incoming i (Coupling)		Refer to 9-PR-01	2: Quality inspection c	control material		PLN QAE
10	Laser mark	cing	Laser marking content, position, direction	Manual	All	4-OP-182	PRE
		8	Laser appearance	Visual	All	. 51 102	PRD
			<u>I</u>	I .	I	ı	

QUALITY CONTROL FLOW CHART OF FUSECONNECT-SC				
Document No.: 4-QC-182	Version: 12	Page: 7/9		

11a	Incoming inspection (Stopring, Slider, Spring,)	Refer to 9-PR-012: Quality inspection control material				PLN QAE
11b	Incoming inspection (Cyanon/ Super X)	Refer to 9-PR-01	2: Quality inspection co	ontrol material		PLN QAE
11	Assembly Housing part	-Assembly direction -Marking position (if any)	Manual	All	4-OP-182 9-PR-008-	PRE QAE
	ī	-Appearance	Visual		4-WI-0020	
12a	Incoming Inspection (Plug case)	Refer to 9-PR-01	2: Quality inspection co	ontrol material		PLN QAE
	PRD Appearance &	 Product Appearance Ferrule position in holder Holder locking condition	Visual			PRE
12	Packing	-Enough items -Correct position -Plug frame color -Correct attachment	Manual	All	1 4-OP-182 PF 1 PI QA QA	PRD
13a	Incoming Inspection (Plug case Label)	Refer to 9-PR-012: Quality inspection control material				PLN QAE
13b	Incoming Inspection (PE bag)	Refer to 9-PR-012: Quality inspection control material				PLN QAE
13c	Incoming Inspection (Operation manual) (if any)	Refer to 9-PR-012: Quality inspection control material				PLN QAE
		- Correct manual spec	Visual	1pc/ID		
13	Middle Packing	- Quantity of product	Program	All	4-OP-182	QAE PRD
		- Label content/ appearance	Visual	All		
14a	Incoming inspection (Carton box)	Refer to 9-PR-012: Quality inspection control material				PLN QAE
14b	Incoming inspection (Carton label)	Refer to 9-PR-012: Quality inspection control material			PLN QAE	
14	QC Final Packing	Quantity of productCarton box typeContent/position of carton box 's label	Visual/Program	All	4-OP-182	QAE PRD
15	Shipping	- Quantity of product - Product Name - PO No.	Visual	All	4-OP-182	PLN

VI. Record

No.	Record	Retention time	Responsibility for keeping
-	-	-	-

Identification, storage, protection, retrieval & disposition of these records refer to 0-PR-004 Control of record. **Note:** Nonconforming product/material shall be identified & controlled according to relevant procedures: 9-PR-008.

QUALITY CONTROL FLOW CHART OF FUSECONNECT-SC					
Document No.: 4-QC-182	Version: 12	Page: 8/9			

REVISION HISTORY

10- Ngan 12 III. Reference documents: New content Reference documents: V. Content: Reference documents: U. Dudate the latest version. V. Content: Rem 5: Normal loss value: 1/ 5000 products Rem 16: Ferrule setting & stripping: Rem 16: Remain Reflect: Combine and update control trems. Rem 17: Final Appearance Rem 27: Packing Rem 16: Combine and update control trems. Rem 17: Final Appearance Rem 27: Packing Rem 19: Final End face: Length of silicon tube on ferrule by Ruler 2. Process condition and control items QCF: QAF: PLN PR-001-0-TEM-003 PR-001-0-TEM	Date	PIC		Description		Reason of change	Requester
Sep 2024 NLT V. Content: Item 8: Fiber Appearance: W. Content: Item 8: Fiber Appearance: U. Content: Item 8: Fiber Appearance: U. Content: Item 9: Foodbox V. Content: Item 9: Normal loss value: 17 1000 products Item 15: Formule setting & stripping. Item 16: Partule setting & stripping. Item 17: Final Appearance Item 17: Final Appearance Item 17: Final Appearance Item 17: Final Appearance Item 18: Partule setting & stripping: Item 19: Packing Combine and update control items. Item 11: Ferrule setting & stripping: Item 19: Packing Combine and update control items. Item 11: Ferrule setting & stripping: Item 19: Packing Combine and update control items. Item 11: Ferrule setting & stripping: Itength of stilicon tube on ferrule by Template Combine to general OP. Combine to general OP				Old contents	New content	Reason of change	Kequester
V. Content: Item 8: Fiber Appearance: Microscope V. Content: Item 8: Fiber Appearance: Apply 4M: 9-PR-014-9-F0-04001-4-RC-0142 V. Content: Item 9: Normal loss value: 17 S000 products Item 5: Normal loss value: 17 S000 products Item 16: Qualify bare fiber end and reflect. Item 17: Final Appearance Item 18: Fiber Appearance & Packing: Combine and update control items. Item 17: Final Appearance Item 17: Final End face: Length of silicon tube on ferrule by Ruler 2. Process condition and control items QCE QAF PLN PR-010-0-TEM-003 PR-010-0-TEM-003 PR-0010-0-TEM-003 PR-0010-9-RC-0006 PR-011-8-RC-0006 PR-0010-9-RC-0006 PR-011-8-RC-0006 PR-0010-9-RC-0006 PR-011-8-RC-0006 PR-0010-9-RC-0006 PR-011-8-RC-0006 PR-0010-9-RC-0006 PR-011-8-RC-0006 PR	10-	Ngan	12	III. Reference documents:		Customer update spec	
Item 8: Fiber Appearance: Apply 4M: 9-PR-0142	Sep-	NLT		V. Content:			
May- NLT Milk Mil	2024			Item 8: Fiber Appearance:	Item 8: Fiber Appearance:		
May- 2024 NLT V. Content: Item 5: Normal loss value; 1/ 5000 products Item 15: Ferrule setting & stripping. Item 16: Qualify bare fiber end and reflect. Item 17: Final Appearance Item 27: Packing Item 18: PRD Appearance & Packing: Combine and update control items. Item 11: Ferrule setting & stripping: Length of silicon tube on ferrule by Ruler 2. Process condition and control items QCE LOG 9-QC-001 Phuong TM V. Content: Item 12: PRD Appearance & Packing: Combine and update control items. Item 7: Final End face: Length of silicon tube on ferrule by Template 2. Process condition and control items QAE PLN 9-PR-012 4-OP-500 4-OP-528 4-OP-0470 9-PR-0012 4-OP-500 4-OP-528 4-OP-0470 9-PR-008-4-WI-0020 V. Content: Item 13 QC Appearance V. Content: Item 13 QC Appearance V. Content: Item 13 Phuong TM V. Content: Item 10: Update the latest version. V. Content: Item 5: Normal loss value; 1/ Item 6: Qualify bare fiber end and Reflect. Combine and update control items. Item 12: PRD Appearance & Packing: Combine and update control items OAE PLN PLN PPR-010 PPR-010 PPR-010 PPR-001-0-TEM-003 PPR-001-0-TEM-003 PPR-001-0-TEM-003 PPR-001-0-TEM-0	09-	Ngan	11	-			
V. Content: Item 5: Normal loss value: 17 5000 products Item 15: Ferrule setting & stripping. Item 17: Final Appearance Item 18: Ferrule setting & stripping: Length of silicon tube on ferrule by Ruler 2. Process condition and control items QCE QCE QCE QCE QCB QCC QCC QCC QCC QCC QCC QCC QCC QCC		_			Update the latest version.		
Item 15: Ferrule setting & stripping. Item 16: Qualify bare fiber end and reflect. Item 17: Final Appearance Item 27: Packing Item 12: PRD Appearance & Packing: Combine and update control items. Item 11: Ferrule setting & stripping: Length of silicon tube on ferrule by Ruler 2. Process condition and control items QCE LOG 9-QC-001 Phuong TM Item 13: Combine and update control items. Item 12: PRD Appearance & Packing: Combine and update control items. Item 17: Final End face: Length of silicon tube on ferrule by Template 2. Process condition and control items QCE QAE PLN 9-PR-012 4-OP-500 4-OP-528 4-OP-0470 9-PR-008-4-WI-0020 V. Content: Item 13: Middle packing: update control item Phuong TM V. Content: Item 13: Middle packing: update control item Phuong TM Nguyen Ha Thuy Van 10	•	1121				Document review.	
stripping. Item 16: Qualify bare fiber end and reflect. Item 17: Final Appearance Item 27: PRD Appearance & Packing: Combine and update control items. Item 11: Ferrule setting & Stripping: Length of silicon tube on ferrule by Ruler 2. Process condition and control items QCE QAE QAE PLN				5000 products	1000 products		
Item 16: Qualify bare fiber end and reflect. Item 17: Final Appearance Item 27: Packing Item 12: PRD Appearance & Packing: Combine and update control items. Item 11: Ferrule setting & Item 7: Final End face: Length of silicon tube on ferrule by Template 2. Process condition and control items QCE LOG 9-QC-001 Phuong TM Phuong TM V. Content: Item 13 QC Appearance V. Content: Item 14: Part V. Content: Item 15: Middle packing: update control item Cancel QC Appearance follow 4M 9-PR-0014- 9-FO-0001-9-RC-0006 Duc TNM PRE1 26.09. Van Vipdate Vipdate Vipdate Vipdate Vipdate PRE1				Item 15: Ferrule setting &	Item 8 Qualify bare fiber end		
end and reflect. Item 17: Final Appearance Item 27: Packing Item 11: Ferrule setting & Packing: Combine and update control items. Item 11: Ferrule setting & Stripping: Length of silicon tube on ferrule by Ruler 2. Process condition and control items QCE LOG 9-QC-001 Phuong TM Phuong TM Phuong TM Phuong TM Riguyen Anguyen Ha Thuy Van PR-010 - Nguyen Van Item 12: PRD Appearance & Packing: Combine and update control items. Item 12: PRD Appearance & Packing: Combine to general OP. Of silicon tube on ferrule by Template 2. Process condition and control items QAE QAE QAE PLN 9-PR-012 4-OP-500 4-OP-528 4-OP-0470 9-PR-008-4-WI-0020 V. Content: Item 13: Middle packing: update control item Cancel QC Appearance follow 4M 9-PR-0014- 9-FO-0001-9-RC-0006 Due TNM PRE1 PRE1				stripping.	and Reflect: Combine and	actual review.	
Item 17: Final Appearance Item 27: Packing Item 27: Packing Item 11: Ferrule setting & Stripping: Length of silicon tube on ferrule by Ruler 2. Process condition and control items QCE QAE LOG 9-QC-001 Phuong TM Item 13 QC Appearance V. Content: Item 13 QC Appearance Item 12: PRD Appearance & Packing: Combine and update control items. Item 7: Final End face: Length of silicon tube on ferrule by Template 2. Process condition and control items QCE QAE LOG 9-QC-001 PLN 9-PR-012 4-OP-500 4-OP-528 4-OP-0470 9-PR-008-4-WI-0020 V. Content: Item 13 QC Appearance Item 13: Middle packing: update control item Phuong TM V. Content: Item 13: Middle packing: update control item Phuong TM V. Content: Item 13: Middle packing: update control item Pro-0001-9-RC-0006 -In section 5.1 Change QC chart + Combine stopring, spring, comnector cap, plug frame process on Housing process. +Cancel Hi-super 30, Hytrel tube process based on				Item 16: Qualify bare fiber	update control items.		
Item 27: Packing Item 27: Packing Item 11: Ferrule setting & stripping: Length of silicon tube on ferrule by Ruler 2. Process condition and control items QCE LOG 9-QC-001 Phuong TM Phuong TM V. Content: Item 13 QC Appearance Phuong TM Phuong				end and reflect.			
Item 11: Ferrule setting & stripping: Length of silicon tube on ferrule by Ruler 2. Process condition and control items QCE QAE QAE QAE QAE QAE QAP				Item 17: Final Appearance	Item 12: PRD Appearance &		
Item 11: Ferrule setting & stripping: Length of silicon tube on ferrule by Ruler 2. Process condition and control items QCE LOG 9-QC-001 Phuong TM Phuong TM Nguyen Ha Thuy Van Item 13: Ferrule setting & stripping: Length of silicon tube on ferrule by Template 2. Process condition and control items QAE QAE PLN 9-PR-012 4-OP-500 4-OP-528 4-OP-0470 9-PR-008-4-WI-0020 V. Content: Item 13: Middle packing: update control item Cancel QC Appearance follow 4M 9-PR-0014- 9-FO-0001-9-RC-0006 PRE1 Process ondition and control items Apply new template 0- PR-001-0-TEM-003 Cancel QC Appearance follow 4M 9-PR-0014- 9-FO-0001-9-RC-0006 Pun Cancel QC Appearance follow 4M 9-PR-0014- 9-FO-0001-9-RC-0006 PRE1				Item 27: Packing	Packing: Combine and update		
stripping: Length of silicon tube on ferrule by Template 2. Process condition and control items QCE LOG PLN Phuong TM P					control items.		
tube on ferrule by Ruler 2. Process condition and control items QCE LOG 9-QC-001 Phuong TM Phuong				Item 11: Ferrule setting &	Item 7: Final End face: Length		Hieu PD
2. Process condition and control items QCE LOG PLN PR-001-0-TEM-003 Phuong TM V. Content: Item 13 QC Appearance V. Content: Item 13: Middle packing: update control item Phuong TM V. Content: Item 13: Middle packing: update control item Phuong TM V. Content: Item 13: Middle packing: update control item Pro-0001-9-RC-0006 V. Content: Item 13: Middle packing: update control item Update Van Viguyen Ha Thuy Van Van Van Viguyen Ha Thuy Van Van V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: update control item V. Content: Update Viguyen Van V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: update control item V. Content: Update Viguyen Van Van V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: update control item Viguyen Van Van Van Van Van Van Van Va				stripping: Length of silicon	of silicon tube on ferrule by		
control items QCE LOG PLN 9-PR-012 4-OP-500 4-OP-528 4-OP-0470 9-PR-08-4-WI-0020 V. Content: Item 13 QC Appearance TM V. Content: Item 13 Middle packing: update control item Cancel QC Appearance follow 4M 9-PR-0014 9-FO-0001-9-RC-0006 Duc TNM - In section 5.1 Change QC chart + Combine stopring, spring, connector cap, plug frame process on Housing process. + Cancel Hi-super 30, Hytrel tube process based on				tube on ferrule by Ruler	Template		
QCE				2. Process condition and	2. Process condition and	Combine to general OP.	
Duc TNM				control items	control items		
Phuong TM Phuong TM Phuong TM Phuong TM Phuong TM V. Content: Item 13 QC Appearance V. Content: Item 13: Middle packing: update control item Cancel QC Appearance follow 4M 9-PR-0014- 9-FO-0001-9-RC-0006 PLN 9-PR-012 4-OP-500 4-OP-528 4-OP-0470 9-PR-008-4-WI-0020 V. Content: Item 13: Middle packing: update control item -In section 5.1 Change QC chart + Combine stopring, spring, connector cap, plug frame process on Housing process. +Cancel Hi-super 30, Hytrel tube process based on				QCE	QAE		
26.09. 2018 Phuong TM Phuong TM Phuong TM V. Content: Item 13 QC Appearance V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: follow 4M 9-PR-0014-9-FO-0001-9-RC-0006 -In section 5.1 Change QC chart + Combine stopring, spring, connector cap, plug frame process on Housing process. +Cancel Hi-super 30, Hytrel tube process based on				LOG	PLN	PR-001-0-TEM-003	
26.09. 2018 Phuong TM Phuong TM V. Content: Item 13 QC Appearance V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: follow 4M 9-PR-0014-9-FO-0001-9-RC-0006 -In section 5.1 Change QC chart + Combine stopring, spring, connector cap, plug frame process on Housing process. + Cancel Hi-super 30, Hytrel tube process based on				9-QC-001	9-PR-012		
Phuong TM V. Content: Item 13 QC Appearance V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: update control item Cancel QC Appearance follow 4M 9-PR-0014- 9-FO-0001-9-RC-0006 In section 5.1 Change QC chart + Combine stopring, spring, connector cap, plug frame process on Housing process. +Cancel Hi-super 30, Hytrel tube process based on					4-OP-500		
Phuong TM V. Content: Item 13 QC Appearance V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: update control item Cancel QC Appearance follow 4M 9-PR-0014- 9-FO-0001-9-RC-0006 Phuong TM V. Content: Item 13: Middle packing: update control item Update PRE1 PRE1					4-OP-528		
Phuong TM V. Content: Item 13: Middle packing: update control item V. Content: Item 13: Middle packing: update control item Cancel QC Appearance follow 4M 9-PR-0014- 9-FO-0001-9-RC-0006 Puc TNM Out TNM Process on Housing process. Ha Thuy Van V. Content: Item 13: Middle packing: update control item Update PRE1					4-OP-0470		
Phuong TM V. Content: Item 13: Middle packing: update control item Item 13: Middle packing: follow 4M 9-PR-0014- 9-FO-0001-9-RC-0006 Item 13: Middle packing: follow 4M 9-PR-0014- 9-FO-0001-9-RC-0006 In section 5.1 Change QC chart + Combine stopring, spring, connector cap, plug frame process on Housing process. +Cancel Hi-super 30, Hytrel tube process based on					9-PR-008-4-WI-0020		
Thuong TM Item 13 QC Appearance Item 14 QC Appearance Item 14 QC Appearance Item 14 QC Appearance Item 14 QC Appearance Item 15 QC Appearance Item 14 QC Appearance Item 14 QC Appearance Item 14 QC Appearance Item 14 QC Appearance Item 15 QC		DI.		V Content:		Cancel QC Appearance	
26.09. 2018 Nguyen Ha Thuy Van Nguyen Ha Thuy Van PRE1 P-FO-0001-9-RC-0006 -In section 5.1 Change QC chart + Combine stopring, spring, connector cap, plug frame process on Housing process. +Cancel Hi-super 30, Hytrel tube process based on						follow 4M 9-PR-0014-	Duc TNM
26.09. 2018 Nguyen Ha Thuy Van 10 - Chart + Combine stopring, spring, connector cap, plug frame process on Housing process. +Cancel Hi-super 30, Hytrel tube process based on		I M			update control item	9-FO-0001-9-RC-0006	
26.09. 2018 Nguyen Ha Thuy Van Ha Thuy Van					-In section 5.1 Change QC		
26.09. Van Nguyen Ha Thuy Van Van Ha Thuy Van Update PRE1 PRE1					chart		
26.09. Ha Thuy Van Van Update PRE1 PRE1 Connector cap, plug frame process on Housing process. +Cancel Hi-super 30, Hytrel tube process based on		N			+ Combine stopring, spring,		
Van Process on Housing process. +Cancel Hi-super 30, Hytrel tube process based on	26.09.		10		connector cap, plug frame	Undata	DD E 1
+Cancel Hi-super 30, Hytrel tube process based on	2018	•	10	-	process on Housing process.	Opdate	FREI
		van			+Cancel Hi-super 30, Hytrel		
specification.					tube process based on		
					specification.		

QUALITY CONTROL FLOW CHART OF FUSECONNECT-SC						
Document No.: 4-QC-182	Version: 12	Page: 9/9				

				-In section 5.2: Make clear instrument for all process.		
22.10. 11	Hua Cong Nghiep	9	-	Cancel: Hytrel preparation Document of INC	Update	PRD1
20.12. 2010	Hua Cong Nghiep	8	-	Combine SC & SC-SM	Update	PRD1