QUALITY CONTROL FLOW CHART OF TRILLIAN FAU				
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I. Purpose

- Control the quality of **Trillian FAU** product which is made in FOV.

II. Application

- This document is applied to **Trillian FAU** product manufactured in FOV.
- This operation procedure has a connection with PRD, QAE, PRE and PLN.

III. References

No.	Specification	Product name	Fujikura	Customer Product
			Product No.	No.
1	HE-1321- 023\$003	Trillian FAU-cap Assy_V5_No	HHE-1321-023-	22201265REV002
		Loopback	001	
2	HE-1321-001\$005	Trillian FAU-cap Assy_V4-MPOM	HHE-1321-001-	AD22151504
			001	
3	HE-1321-004\$004	Trillian Shuffle Assy	HHE-1321-004-	AD22166179REV012
			001	
4	HE-1321-024\$005	Assy FAU-cap_Trillian	HHE-1321-024-	AD22151504
			001	

- FMEA: 0-PR-012-0-FO-001-5-RC-0028 Version 29

IV. Term and definition

FOV: Fujikura Fiber Optics Viet Nam OCAP: Out of Control Action Plan

SIC: Section In Charge

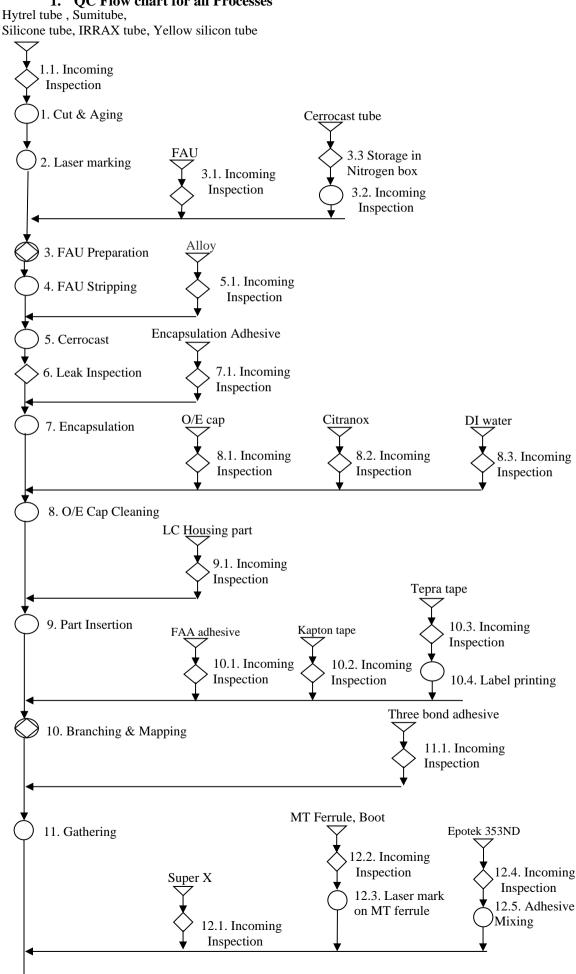
Approved by: Manager		Approved by: Division Manager
Date: (Follow DMS)		Date: (Follow DMS)
Prepared by: HangVT	Cross check by: DucTNM	Originator: Le Duy Song Toan
<u>Date</u> : 27-Sep-24	Date: 27-Sep-24	Date: 14-Sep-2017

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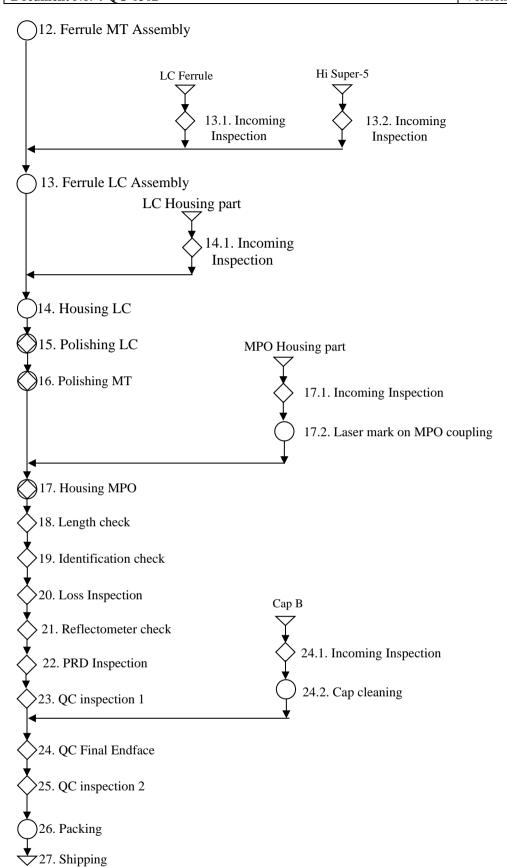
V. **Contents**

1. QC Flow chart for all Processes



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2. Process condition and control items

Proc	cess	Quality Control Items	Instrument	Sampling	Related	SIC
No.	Name]		size	document	
	Incoming Inspection Hytrel tube, Sumitube, Silicone tube, IRRAX tube, Yellow silicon tube	Refer to 9-Pr-012				QAE, PRD
1	Cut & Aging	All tube: Type, Quantity	Manual	All	4-OP-0302	PRE,
		Cutting length for hytrel tube	Ruler	3pcs/ID		PRD
		Appearance hytrel tube	Visual	5pcs/ID		
		Spiral cut direction and pitch	Jig	All		
		Aging condition: temperature, time- hytrel tube	Oven, Recorder	All		
2	Laser marking	- Laser marking position on hytrel tube	-Jig, laser machine	(3pcs/	4-OP-0302	
		- Laser depth, quantity and size on hytrel tube	- Template & CCD camera	laser jig)	9-PR-008- 5-WI-0012	PRD
		- Laser marking position, - Direction	-Jig	All		
		- Content on MT, coupling, frame	Visual	-		
		- Laser condition	- Laser machine and program			
3.1	Incoming Inspection FAU	Refer to 9-Pr-012	program	I		QAE, PRD
3.2	Incoming Inspection Cerrocast tube	Refer to 9-Pr-012				QAE, PRD
3.3	Storage in Nitrogen	Control RH%	Humidity meter	All	4-OP-0302	
	box (Cerrocast)	Expire date	Manual	1		PRD
3	FAU Preparation	Mark type, position on fiber	Ruler, mark pen, jig	All	4-OP-0302	PRE,
		Fiber cutting length	Ruler			PRD
		Array direction in prepare jig	Jig		9-PR-008-	
		Fiber order	Jig		5-WI-0012	
		Array position, direction in holder	Visual			
		Amount adhesive (Rework)	Visual			
		Epoxy curing dryness (Rework)	Heater			
		Fiber appearance (Rework)	Microscope			
4	FAU Stripping	Fiber strength	Pull force tool	Daily		
		Array position on holder	Visual	All	4-OP-0302	
		Array direction	Visual		9-PR-008-	PRD
		Stripping length	Hot air stripper		5-WI-0012	
		Fiber order	Visual			
		Bare fiber appearance after stripping	Visual			
5.1	Incoming Inspection Alloy	Refer to 9-Pr-012				QAE, PLN
5	Cerrocast	Stripping point position	Template	All	4-OP-0302	
		Fiber order	Visual]	9-PR-008-	
		Stripping length	Template		5-WI-0012	
		Direction and position of cerrocast tube on cerrocast machine	Visual			
		Fiber stretching on clamp	Manual			
		Cerrocast tube appearance after soldering	Visual			
6	Leak Inspection	Fiber appearance on 2 sides of cerrocast before apply adhesive	Microscope	All	4-OP-0302 9-PR-008-	PRE, PRD
Ī		Helium pressure	Pressure meter		5-WI-0012	

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		Leak rate	Machine and			
		Leak rate	programs			
			programs			
7.1	Incoming Inspection	Refer to 9-Pr-012				QAE,
	Encapsulation	1012				PLN
	Adhesive					
7	Encapsulation	Soldering protrusion	Polishing tool/ Auto	All	4-OP-0302	PRE
	*		machine			PRD
			Visual		5-WI-0012	
		Adhesive amount	Visual	-		
		Adhesive dryness	Oven	-		
		Adhesive appearance on 2 sides of	Visual	_		
		cerrocast	V ISUAI			
		Length check	Template	_		
8.1	Incoming Inspection	Refer to 9-Pr-012	Template			QAE,
	O/E Cap	1012				PLN
	Incoming inspection	Refer to 9-Pr-012				QAE,
	Citranox					PLN
	Incoming inspection	Refer to 9-Pr-012				QAE,
	DI water					PLN
	O/E Cap cleaning	O/E Cap cleanness, appearance	Visual	All	4-OP-0302	
		7 11				PRD
		Storage in Nitrogen box (Control RH%)	Humidity meter		5-WI-0012	
9.1	Incoming inspection	Refer to 9-Pr-012	<u> </u>		1	QAE,
	LC housing part					PLN
	Part Insertion	Part Type	Manual	All	4-OP-0302	PRE,
		Part order, direction, quantity	Part jig	All		PRD
		Hytrel tube appearance	Visual	3pcs/ID	5-WI-0012	
		Laser marking on hytrel tube		1		
		Length of hytrel tube	Ruler	3pcs/ID		
10.1	Incoming inspection	Refer to 9-Pr-012				QAE,
	FAA adhesive					PLN
		Refer to 9-Pr-012				QAE,
	Kapton tape (Apply for					PLN
	Trillian Shuffle Assy)					
10.3	Incoming inspection	Refer to 9-Pr-012				QAE,
	Tepra tape		1	_		PLN
10.4	Label printing	Print content	Printer condition	All	4-OP-0302	
		Label appearance after print	Visual			WH
					5-WI-0012	
	Fiber Mapping &	Array direction, cerrocast group position,	Jig		4-OP-0302	
	Branching	O/E cap direction		_		PRD
		O/E cap preservation (prevent oxidize)	Silica bag, zip lock		9-PR-008-	
			bag		5-WI-0012	
		Cerrocast tube, fiber preservation	Spiral tube,	All		
		(prevent fiber damage)	transportation tray			
		Marking	Jig, marking pen	_		
		IRRAX tube length, Yellow silicon tube	Ruler, jig			
		length, Silicone tube length		_		
		Sumitube quantity	Manual		_	
		Sumitube length	Ruler, jig	3pcs/1 ID	_	
		Hytrel tube direction	Visual	_		
		Silicon tube direction (for Trillian	Visual			
		Shuffle Assy)	L			
		Sequence ribbon of ribbon mapping	Visual	All		
		Hytrel tube, sumitube position	Visual	4		
		Heat condition	Heater	4		
		Matching of final LC tepra labels with	Jig			
1		fiber color & fiber group]		

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	Incoming inspection Threebond adhesive	Refer to 9-Pr-012				QAE,
		Matahina fihan andan and naut Na	Tamanlata damana	A 11	4-OP-0302	PLN PRE
.1	Gathering	Matching fiber order and port No.	1 '	All	9-PR-008-	
			MT ferrule, jig, CCD		5-WI-0012	PRD
			camera		J-W1-0012	
		Fiber cutting position	Visual			
		Adhesive amount	Visual			
		UV adhesive position and area	Jig			
		Adhesive curing dryness	UV heater			
		Adhesive appearance check after drying	Visual			
2 1	Incoming inspection	Refer to 9-Pr-012	V ISGUI		1	QAE,
	Super X	Refer to 9-F1-012				PLN
	Incoming inspection MT Ferrule, boot	Refer to 9-Pr-012				QAE, PLN
	Incoming inspection	Refer to 9-Pr-012				QAE,
	Epotek 353ND	Refer to 9-F1-012				PLN
2.4	Adhesive mixing	Epotek type	Manual	All	4-OP-0302	PRE,
	(Epotek 353ND)	Mixing ratio	Scale		0 PF 0 = =	PRD
		Mixing time	Timer		9-PR-008- 5-WI-0012	
		Air bubble removing	Centrifugal machine			
		Air bubble checking	Visual			
		Pot life control	Clock			
		For the control	Clock			
2	Ferrule MT Assembly	MT ferrule type	Manual	All 4-OP-0302	PRE,	
		Fiber stripping length	Stripper		4-OP-0398 9-PR-008-	PRD
		Bare fiber quality (clean)	Dusper, alcohol			
		Fiber strength	Screening Screening			
			•		5-WI-0012	
		Bare fiber cutting length	Cleaver			
		Epotek amount	Manual			
		Curing condition: temperature, time	Heater			
		Hardness of Epotek	Heater			
		Epotek on MT ferrule body	Microscope			
		Air bubble/ contamination/ adhesive	1			
		amount inside MT window				
		Bare fiber protrusion after heating	Cutting machine			
		UV adhesive check at boot end	Visual			
2 1			visuai			0.4.5
	Incoming inspection	Refer to 9-Pr-012				QAE,
	LC ferrule					PLN
	Incoming inspection	Refer to 9-Pr-012				QAE,
	Hi Super-5					PLN
3	Ferrule LC Assembly	LC ferrule type	Manual	All	4-OP-0302	PRE,
		Fiber stripping length	Stripper		4-OP-524	PRD
		Bare fiber quality (clean)	Dusper, alcohol			
		Fiber strength	Screening Screening		9-PR-008-	
			Manual, visual		5-WI0012	
		Epoxy resin amount and shape	· · · · · · · · · · · · · · · · · · ·			
		Epoxy resin length inside tube	Template			
		Epoxy resin hardness	Timer, manual			
		Bare fiber cutting length	Bar cutter with			
			template			
		Epotek amount	Dispenser			
			machine, manual			
		Curing condition: temperature, time	Heater			
		Hardness of Epotek	Heater			
		•				
		Bare fiber protrusion after heating	Bar cutter			
		Insertion length	Mark/ Template			
	Incoming inspection LC housing part	Refer to 9-Pr-012				QAE, PLN

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14	Housing LC	Adhesive on ferrule appearance	Microscope, ring	All	4-OP-0302	PRE, PRD
		Quantity of part	gauge Manual		9-PR-008-	FKD
		Part type	Visual		5-WI-0012	
		Part oder and direction	Manual		5-11-0012	
		Housing key direction	Manual, jig			
		Spring function check	Manual, jig			
15	Polishing LC	Ferrule setting position	Visual	All	4-OP-526	PRE,
13	Folishing LC	Polishing condition	Polisher	AII	4-OP-0397	
			Manual		4-OP-0397 4-OP-0302	FKD
		Life time of polishing sheet Ferrule endface diameter		2/::-	9-PR-008-	
			Template, endface	2 con/jig	5-WI-0012	
		(length)	system	or repol product	5-11-0012	
		Ferrule & fiber Endface	Mi ana a ana damanlada	1	-	
			Microscope,template		-	
		System accuracy	Master samples	Daily	-	
		Endface geometry: offset, radius, fiber	Interferometer	All		
4 -	D 11 1 1 2 m	height	machine		4.00.000	
16	Polishing MT	Position & direction of MT on chucking	Visual		4-OP-0302	
		jig	D 11 1			PRD
		Polishing Condition	Polisher	All	5-WI-0012	
		Fixing force	Torque driver	Daily	4	
		Life time of polishing sheet	Manual		4	
		Fiber End face and ferrule surface check		All		
		Ferrule length check	Micrometer	1 con/jig		
		MT endface geometry	Interferometer	All		
			machine			
	Incoming inspection	Refer to 9-Pr-012				QAE,
	MPO housing part	5			1 4 0 5	PLN
17.2	Laser mark on MPO Coupling (Apply for	Laser content. Position, direction	Machine	All		PRE,
			Jig		0302	PRD
	Trillian Shuffle Assy)	Laser appearance	Visual		9-PR-	
					008-5-	
17	Housing MPO	MT Appearance: MT ferrule surface	Visual		WI-0012 4-OP-0302	PRE
1 /	riousing wir o	Housing: type, quantity	Manual	1	4-OP-0393	
		Housing: color	Visual		9-PR-008-	IKD
		MPO assembly	Manual		5-WI-0012	
		Matching laser content on MT and	Visual		5-111-0012	
		coupling color	visuai			
		Key direction and coupling color	Visual	-		
				-		
10	Langth algority	Premier Pin check	Manual	A 11	4 OD 0202	DDE
18	Length check	Length from end of cerrocast to MPO	Ruler/ Jig	All	4-OP-0302	
		connector end, LC boot end	-			PRD
		Length from tube to MPO connector end,			5-WI-0012	
		LC boot end	-			
		Length of hytrel tube inside sumi tube	-			
1.0	T.1 .10	Tube, tape position	x 1	A 11	4.00.000	DD =
19	Identification check	Right fiber order	Identification system	All	4-OP-0302	
		Right label connect	Camera		9-PR-008-	PRD
20	T T ('	NATE was dearly and C	N.C.	A 11	5-WI-0012	DDT
20	Loss Inspection	MT product end face	Microscope	All	4-OP-0302	
		P0 & IL value	Loss system	-	9-PR-008-	PKD
	- ~	Master cord end face	Microscope		5-WI-0012	
21	Reflectometer check	Fiber broken inside LC, MPO, Cerrocast		All	4-OP-0302	
		tube, Array and outside connector	system			PRD
					5-WI-0012	
22	PRD inspection	Fiber ribbon appearance	Microscope	All	4-OP-0302	
		Fiber thickness for rework	Template,			PRD
İ			microscope]	5-WI-0012	1

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	In a -	h	L	T	I	I
23	QC Inspection 1	MT, LC ferrule appearance	Visual	All	4-OP-0302	_
		Pin MT appearance				PRD
		MT ferrule movement			5-WI-0012	
		Spring check	Jig			
24.1	Incoming inspection	Refer to 9-Pr-012				QAE,
	Cap B					PLN
24.2	Cap Cleaning	Cleaning condition	Ultrasonic	All	000-4-WI-	PRE,
					013	PLN
24	QC Final endface	Ferrule & Fiber Endface	Microscope, core	All	4-OP-0302	
		Endface capture	counter, PC		9-PR-008-	PRD
					5-WI-0012	
25	QC Inspection 2	Length from cerrocast to array	Ruler	1pc/ID	4-OP-0302	QAE,
		Length from cerrocast to MPO connector	r	•		PRD
		end, LC boot end			5-WI-0012	
		Length from tube to MPO connector end,				
		LC boot end				
		Tube, tape position				
		Array, O/E cap appearance	Visual	All	1	
		Fiber appearance				
		Label content and appearance				
		Fiber direction with O/E cap	Jig			
		Outside connector appearance	Jig, visual			
26	Packing	Quantity of silica gel bag	Jig	All	4-OP-0302	QAE,
	36	Label content	Visual	2pcs/PO		PRD
		Label position, direction, appearance	Visual	All		
		Products Quantity/box	Label fixing java			
			soft			
		Quantity of Label	Visual			
		Product Name				
		Carton box size				

VI. Record:

Shipping

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

4-OP-0302 PLN

All

- 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.

Refer to shipping standard

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REVISION HISTORY

	1	1	KE VID	JON HISTORY		
Date	Person	Version	Old content	Scription New content	Reason	Requester
27-Sep-	HangVT	36	26. Packing	26. Packing		DucTNM
24			- Process condition and control items: Label content, Instrument: Visual, Barcode reader, Sampling size: All	- Process condition and control items Quantity of silica gel bag, Instrument: Jig, sampling size: All - Process condition and control items: Label content, Instrument: Visual, Barcode reader, Sampling size: 2pcs/ PO	Correction	
12-Aug-	DienDC	35	2.Process condition and	2.Process condition and	New organization chart	ChienPH
24			control items 1.1 Incoming Inspection -QAE, PLN	control items 1.1 Incoming Inspection -QAE, PRD		
			3.1 Incoming Inspection FAU -QAE, PLN 3.2 Incoming Inspection Cerrocast tube - QAE, PLN	FAU -QAE, PRD		
			2. Laser markingNADepth	2. Laser marking-Direction- None	Correction	
			6. Leak Inspection -None	6. Leak InspectionFiber appearance on 2 sides of cerrocast	Correction	
			7. Encapsulation - Fiber appearance on 2 sides of cerrocast before apply adheasive	7. Encapsulation -None	Correction	
9-May-24	DienDC	34	V. Content 2.Process condition and	V. Content 2.Process condition and		ChienPH
			control items 1. Cutting and aging - Cutting length: all	control items 1. Cutting and aging - Cutting length for hytrel tube: 3pcs/ID	Correction	
			2.Laser marking - None	2.Laser marking - Laser marking position, depth, content on MT, coupling, frame	Correction	
			3.FAU preparation - FAU type - Fiber Appearance - Cerrocast tube	3.FAU preparation -Remove -Remove -Remove	Correction	
			appearance - Matching of label No. and marking	-Remove		
			-None	- Cerrocast direction		
			-None 4.Fau stripping	- Fiber order 4.Fau stripping	Correction	
			- Fiber clamp appearance	-Remove		
			-Stripping condition -Ribbon setting	-Remove -Remove		

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	-Nozzle appearance	-Remove		
	- None	- Holder direction		
	- None	- Stripping length		
	- None	- Fiber order		
	- None	- Fiber pull force		
		_		
	5. Cerrocast	5. Cerrocast	Correction	
	- Soldering condition	-Remove	Correction	
	-NEST's clamps position			
	- Ribbon alignment jig	-Remove		
	position			
	- None	- Stripping length		
	- None	-Fiber order		
		11001 01001		
	6. Leak Inspection	6. Leak Inspection	Correction	
			Correction	
	- Length from cerrocast	- Remove		
	to array			
	7.Encapsulation	7. Encapsulation		
	- Adhesive amount		Correction	
	1 Israel Californi	of cerrocast		
	A dhasing anning			
	- Adhesive curing	- Solder protrusion		
	condition			
	- Fiber appearance on 2	- Adhesive amount		
	sides of cerrocast			
	before apply adhesive			
	-Adhesive appearance on	- Adhesive dryness		
	2 sides of cerrocast	runesive di yness		
		F.1 0 11		
	- Solder protrusion	- Fiber appearance on 2 sides		
		of cerrocast		
	- None	- Length check		
i l				
	11 Cothoring	11 Cothoring	Correction	
	11. Gathering	11. Gathering	Correction	
	-Adhesive amount	- Matching fiber order and port		
	-Adhesive amount -Matching fiber order and	- Matching fiber order and port No.		
	-Adhesive amount	- Matching fiber order and port		
	-Adhesive amount -Matching fiber order and port No.	- Matching fiber order and port No.		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position	 Matching fiber order and port No. Fiber cutting position Adhesive amount 		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and	 Matching fiber order and port No. Fiber cutting position Adhesive amount UV adhesive position and 		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area	 Matching fiber order and port No. Fiber cutting position Adhesive amount UV adhesive position and area 		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing	 Matching fiber order and port No. Fiber cutting position Adhesive amount UV adhesive position and area Adhesive curing dryness 		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition	 Matching fiber order and port No. Fiber cutting position Adhesive amount UV adhesive position and area Adhesive curing dryness Adhesive appearance check 		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance	 Matching fiber order and port No. Fiber cutting position Adhesive amount UV adhesive position and area Adhesive curing dryness 		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition	 Matching fiber order and port No. Fiber cutting position Adhesive amount UV adhesive position and area Adhesive curing dryness Adhesive appearance check 		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance	 Matching fiber order and port No. Fiber cutting position Adhesive amount UV adhesive position and area Adhesive curing dryness Adhesive appearance check 		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance	 Matching fiber order and port No. Fiber cutting position Adhesive amount UV adhesive position and area Adhesive curing dryness Adhesive appearance check 		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying	- Matching fiber order and port No. -Fiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying	 Matching fiber order and port No. Fiber cutting position Adhesive amount UV adhesive position and area Adhesive curing dryness Adhesive appearance check 		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying 12. Ferrule MT Assembly -Stripping length	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying 12. Ferrule MT Assembly -Stripping length -None	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying 12 Ferrule MT Assembly Fiber stripping length Bare fiber quality (clean)		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying 12. Ferrule MT Assembly -Stripping length	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying 12. Ferrule MT Assembly -Stripping length -None -None	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying 12 Ferrule MT Assembly Fiber stripping length Bare fiber quality (clean) Fiber strength		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying 12. Ferrule MT Assembly -Stripping length -None -None - Fiber cutting length	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying 12 Ferrule MT Assembly Fiber stripping length Bare fiber quality (clean) Fiber strength Bare fiber cutting length		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying 12. Ferrule MT Assembly -Stripping length -None - Fiber cutting length -None	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying 12 Ferrule MT Assembly Fiber stripping length Bare fiber quality (clean) Fiber strength Bare fiber cutting length Epotek amount	Correction	
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying 12. Ferrule MT Assembly -Stripping length -None -None - Fiber cutting length -None 12.3 Laser mark on MT	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying 12 Ferrule MT Assembly Fiber stripping length Bare fiber quality (clean) Fiber strength Bare fiber cutting length		
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying 12. Ferrule MT Assembly -Stripping length -None - Fiber cutting length -None	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying 12 Ferrule MT Assembly Fiber stripping length Bare fiber quality (clean) Fiber strength Bare fiber cutting length Epotek amount	Correction	
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying 12. Ferrule MT Assembly -Stripping length -None -None - Fiber cutting length -None 12.3 Laser mark on MT ferrule	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying 12 Ferrule MT Assembly Fiber stripping length Bare fiber quality (clean) Fiber strength Bare fiber cutting length Epotek amount -Remove	Correction	
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying 12. Ferrule MT Assembly -Stripping length -None -None - Fiber cutting length -None 12.3 Laser mark on MT	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying 12 Ferrule MT Assembly Fiber stripping length Bare fiber quality (clean) Fiber strength Bare fiber cutting length Epotek amount	Correction	
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying 12. Ferrule MT Assembly -Stripping length -None -None - Fiber cutting length -None 12.3 Laser mark on MT ferrule	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying 12 Ferrule MT Assembly Fiber stripping length Bare fiber quality (clean) Fiber strength Bare fiber cutting length Epotek amount -Remove	Correction	
	-Adhesive amount -Matching fiber order and port NoFiber cutting position -UV adhesive position and area -Adhesive curing condition -Adhesive appearance check after drying 12. Ferrule MT Assembly -Stripping length -None -None - Fiber cutting length -None 12.3 Laser mark on MT ferrule	- Matching fiber order and port NoFiber cutting position -Adhesive amount -UV adhesive position and area -Adhesive curing dryness -Adhesive appearance check after drying 12 Ferrule MT Assembly Fiber stripping length Bare fiber quality (clean) Fiber strength Bare fiber cutting length Epotek amount -Remove	Correction	

OUALITY	CONTROL	FLOW	CHART OF	TRILLIAN FAU
OUMERI	COLLINOR	LLUI	CIMINI OI	

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	1		T	In .		1
				-Epoxy resin amount and		
			-None	shape		
				-Epoxy resin length inside		
			-None	tube		
				-Epoxy resin hardness		
			14. Housing LC		Correction	
			- None	14. Housing LC		
				- Adhesive on ferrule		
			15. Polishing LC	appearance		
			-None	15. Polishing LC		
			Trone	-Ferrule endface diameter	Correction	
			-None	(length)	Correction	
			rivolic			
			16 D-11-1-1 MT	-System accuracy	G	
			16. Polishing MT	16 D 11 11 NAT	Correction	
			- Premier Pin check	16. Polishing MT		
				-Remove		
	PhuDT	33	VI. Review	VI. Review	1	BanNT
24				-Remove	QC flow chart: 0-Pr-001-	
					0- TEM-003 Version 7	
21-Dec-	PhuDT	32	III. References	III. References	- Customer update	BanNT
23			Specification	Specification	specification	
			ĤE-1321- 023\$002	HE-1321- 023\$003	•	
			HE-1321-001\$004	HE-1321-001\$005		
			HE-1321-004\$003	HE-1321-004\$004		
			1221 00 14003	1321 00 1000 1		
			FMEA: 0-PR-012-0-FO-	FMFA: 0-PR-012-0-FO-	Update FMEA version	
				001-5-RC-0028 Version 29	follow 4M cancel record	
				001-3-KC-0028 Version 29		
			27		data length: 4-Pr-007-4-	
					Fo-0007-9-RC-0069	
			V. Content	V. Content	Update new format for	
			2. Process condition and		QC flow chart: 0-Pr-001-	
			control items	control items	0- TEM-003 Version 7	
			1. Cut & Aging	1. Cut & Aging		
			- All tube: Lot No.,	- Remove		
			,			
			3. FAU Preparation	3. FAU Preparation		
			- Lot No.,	- Remove		
			200110.,			
			5. Cerrocast	5. Cerrocast		
			- Lot No., Expire date	- Remove		
			- Lot No., Expire date	Kelliove		
			7 Engangulation	7 Enconculation		
			7. Encapsulation	7. Encapsulation		
			- Lot No. Expiry date	- Remove		
			9. Part Insertion	9. Part Insertion		
			- Lot No.,	- Remove		
21-Dec-			11.Gathering	11.Gathering	Update new format for	
23	PhuDT	32	- Lot. No & expire date	- Remove	QC flow chart: 0-Pr-001-	BanNT
					0- TEM-003 Version 7	
			12.5 Adhesive mixing	12.5 Adhesive mixing		
			(Epotek 353ND)	(Epotek 353ND)		
			- Epotek 353ND Lot No.			
			Expiry date			
			r J			
			12.Ferrule MT Assembly	12. Ferrule MT Assembly		
			- MT ferrule Lot No	MT ferrule Lot No		
			IVII IOIIUIC LOUINO	- MT ferrule		
	1	I	1	L MII ICIIUIC		

QUALITY CONTROL	FLOW CHART OF TRILLIAN FAU	
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			- Stripper No, Jig No., Heater No. 13. Ferrule LC Assembly	- Remove 13. Ferrule LC Assembly		
			- LC ferrule Lot No Stripper No, Jig No., Heater No	- Remove		
			15. Polishing LC - Polisher No.	15. Polishing LC - Remove		
			16. Polishing MT	16. Polishing MT - Remove		
			- Polisher No.	17. Housing MPO		
			17. Housing MPO - Lot No.,	- Remove		
29-Sep- 23	PhuDT	31		2.Process condition and	Follow 4-Pr-007-4-Fo- 0007-4-RC-0018	BanNT
			control items Item 7 Encapsulation Soldering protrusion: Polishing tool	control items Item 7 Encapsulation Soldering protrusion: Polishing tool/ Auto machine		
			Visual	Visual		