

FUJIKURA FIBER OPTICS VIETNAM LTD			
MATERIAL QUALIFICATION SHEET			
Form: 4-PR-001-4-Fo-0003	Version: 10	Page: 1/1	Effective date: 5/Jul/2021
Form prepared by: Quyen HTT	Form checked by: Phuong NT	Form approved by: Thach PV	

I. Information:

Record No. (get by EIC program): 4-Pr-001-4-Fo-0003-7-RC-0753 Investment ID: N/A

Record name: MQS for Rubber Magnet W & M materials of Cleaner product

Project developed by ☒ FOV: section ☐ Customer

Material code: Refer below list

Material name: Refer below list

Drawing No. Refer below list

Supplier name: Refer below list Local Vietnam / Oversea:

Attach Test Report No.

Code name	Item name	Spec	Supplier	Test report
-	Rubber Magnet W	PNJHW-0035-71-33	Magta	000 4-TSR-1537
-	Rubber Magnet M	PNJHW-0051-71-22	Magta	000-4-TSR-1538

II. Material qualification:

1. Approval for 1st order without Material qualification

Comment:

PIC: _____ Section manager: _____ Dept./Div. manager: _____

2. Qualification result:

2.1 Result:

FOV Inspection Result		Customer Evaluation (customer uses):	
Dimension	<input checked="" type="checkbox"/> Pass/ <input type="checkbox"/> Fail	Dimension	<input type="checkbox"/> Pass/ <input type="checkbox"/> Fail
Function Test	<input checked="" type="checkbox"/> Pass/ <input type="checkbox"/> Fail	Function Test	<input type="checkbox"/> Pass/ <input type="checkbox"/> Fail
Appearance	<input checked="" type="checkbox"/> Pass/ <input type="checkbox"/> Fail	Appearance	<input type="checkbox"/> Pass/ <input type="checkbox"/> Fail
Has substance control?	<input checked="" type="checkbox"/> Yes/ <input type="checkbox"/> No (*)	Others	<input type="checkbox"/> Pass/ <input type="checkbox"/> Fail
Others	<input type="checkbox"/> Pass/ <input type="checkbox"/> Fail		
Conclusion:	<input checked="" type="checkbox"/> Pass/ <input type="checkbox"/> Fail	Conclusion: Accept for mass production?	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No


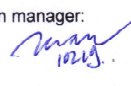
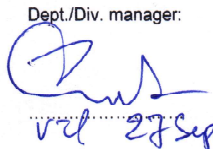
(*) YES: Supplier can assure that material shall meet substance control requirements.
 NO: Supplier does not assure that material shall meet substance control requirements.
 In case there's some items that are not necessary for material, please strike them through.

2.2 Approval:

a. Internal approval:
 Need customer approval ☒ Yes/ ☐ No

Comment:


Apply for mass production

PIC:  Section manager:  Dept./Div. manager: 
 10792 vcl 28 Sep '24

b. Customer's approval:

Comment:

Approved for MP use.

Signature: 

MDP CONTROL

Confidential	FOV's property, do not take out without FOV BOM's approval
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FOV MDP Pham Hoai Nam

From: Nogawa Ryoaburo(FJK 能川 亮三郎)
Sent: Tuesday, October 8, 2024 8:46 AM
To: FOV MDP Pham Hoai Nam; Nakane Junichi(FJK 中根 純一)
Cc: FOV MDP Div Phan Vinh Thach; FOV MDP Duong Hong Nhung; FOV MDP Vo Anh Tuan; Sakaguchi Yuya(FJK 坂口 有也); Watanabe Junya(FJK 渡辺 順也); Nakajima Toshiaki(FJK 中島 俊彰); Tanaka Yuuwa(FJK 田中 祐和)
Subject: RE: Supplier propose to change material for magnet RSW0010, RSW0011
Attachments: MQS for Rubber Magnet W & M materials of Cleaner product.pdf

Dear Nam-san

I return approved MQS.

I'm sorry to have kept you waiting.

Nogawa

From: Nogawa Ryoaburo(FJK 能川 亮三郎)
Sent: Wednesday, October 2, 2024 4:23 PM
To: FOV MDP Pham Hoai Nam <namph@vn.fujikura.com>; Nakane Junichi(FJK 中根 純一) <junichi.nakane@jp.fujikura.com>
Cc: FOV MDP Div Phan Vinh Thach <thachpv@vn.fujikura.com>; FOV MDP Duong Hong Nhung <nhungdh@vn.fujikura.com>; FOV MDP Vo Anh Tuan <tuanva@vn.fujikura.com>; Sakaguchi Yuya(FJK 坂口 有也) <yuya.sakaguchi@jp.fujikura.com>; Watanabe Junya(FJK 渡辺 順也) <junya.watanabe@jp.fujikura.com>; Nakajima Toshiaki(FJK 中島 俊彰) <toshiaki.nakajima@jp.fujikura.com>; Tanaka Yuuwa(FJK 田中 祐和) <yuwa.tanaka@jp.fujikura.com>
Subject: RE: Supplier propose to change material for magnet RSW0010, RSW0011

Dear Nam-san

Within this week.

Best regards,

Nogawa.

From: FOV MDP Pham Hoai Nam <namph@vn.fujikura.com>
Sent: Wednesday, October 2, 2024 4:14 PM
To: Nakane Junichi(FJK 中根 純一) <junichi.nakane@jp.fujikura.com>; Nogawa Ryoaburo(FJK 能川 亮三郎) <ryoaburo.nogawa@jp.fujikura.com>
Cc: FOV MDP Div Phan Vinh Thach <thachpv@vn.fujikura.com>; FOV MDP Duong Hong Nhung <nhungdh@vn.fujikura.com>; FOV MDP Vo Anh Tuan <tuanva@vn.fujikura.com>; Sakaguchi Yuya(FJK 坂口 有也) <yuya.sakaguchi@jp.fujikura.com>; Watanabe Junya(FJK 渡辺 順也) <junya.watanabe@jp.fujikura.com>; Nakajima

Toshiaki(FJK 中島 俊彰) <toshiaki.nakajima@jp.fujikura.com>; Tanaka Yuuwa(FJK 田中 祐和) <yuwa.tanaka@jp.fujikura.com>

Subject: RE: Supplier propose to change material for magnet RSW0010, RSW0011

Dear Nakane-san, Nogawa-san
Good afternoon!

Could you please help us share the schedule for MQS approved?

Thank you for your strongly support FOV!

Thank you & Best Regards,

Nam (Mr)/ Material Development Project Department

Mobile: (+84) 0908 973 946

From: Nakane Junichi(FJK 中根 純一) <junichi.nakane@jp.fujikura.com>

Sent: Friday, September 27, 2024 2:49 PM

To: FOV MDP Pham Hoai Nam <namph@vn.fujikura.com>; Nogawa Ryozauro(FJK 能川 亮三郎) <ryozauro.nogawa@jp.fujikura.com>

Cc: FOV MDP Div Phan Vinh Thach <thachpv@vn.fujikura.com>; FOV MDP Duong Hong Nhung <nhungdh@vn.fujikura.com>; FOV MDP Vo Anh Tuan <tuanva@vn.fujikura.com>; Sakaguchi Yuya(FJK 坂口 有也) <yuya.sakaguchi@jp.fujikura.com>; Watanabe Junya(FJK 渡辺 順也) <junya.watanabe@jp.fujikura.com>; Nakajima Toshiaki(FJK 中島 俊彰) <toshiaki.nakajima@jp.fujikura.com>; Tanaka Yuuwa(FJK 田中 祐和) <yuwa.tanaka@jp.fujikura.com>

Subject: RE: Supplier propose to change material for magnet RSW0010, RSW0011

Dear Nam san,

-We will ask Eto supplier improve to the samples and test again. If results test are pass, Eto supplier will backup.

=>I don't know whether it need to improve or not.

Because I applied old sticker that is kokikai's old stock for environmental test.

So, if I apply the new sticker and test it again, the Eto's magnet may pass.

-FOV have plan input Magnet material on Oct/2024. So, could you please help us approve MQS for Magta supplier?

=>Nogawa san will approve it.

Best Regards,

Nakane

From: FOV MDP Pham Hoai Nam <namph@vn.fujikura.com>
Sent: Friday, September 27, 2024 4:16 PM
To: Nakane Junichi(FJK 中根 純一) <junichi.nakane@jp.fujikura.com>; Nogawa Ryoaburo(FJK 能川 亮三郎) <ryoaburo.nogawa@jp.fujikura.com>
Cc: FOV MDP Div Phan Vinh Thach <thachpv@vn.fujikura.com>; FOV MDP Duong Hong Nhung <nhungdh@vn.fujikura.com>; FOV MDP Vo Anh Tuan <tuanva@vn.fujikura.com>; Sakaguchi Yuya(FJK 坂口 有也) <yuya.sakaguchi@jp.fujikura.com>; Watanabe Junya(FJK 渡辺 順也) <junya.watanabe@jp.fujikura.com>; Nakajima Toshiaki(FJK 中島 俊彰) <toshiaki.nakajima@jp.fujikura.com>; Tanaka Yuuwa(FJK 田中 祐和) <yuwa.tanaka@jp.fujikura.com>
Subject: RE: Supplier propose to change material for magnet RSW0010, RSW0011

Dear Nakane-san
Good afternoon!

-We will ask Eto supplier improve to the samples and test again. If results test are pass, Eto supplier will backup.
-FOV have plan input Magnet material on Oct/2024. So, could you please help us approve MQS for Magta supplier?

Thank you for your strongly support FOV!

Thank you & Best Regards,

Nam (Mr)/ Material Development Project Department
Mobile: (+84) 0908 973 946

From: Nakane Junichi(FJK 中根 純一) <junichi.nakane@jp.fujikura.com>
Sent: Friday, September 27, 2024 2:08 PM
To: FOV MDP Pham Hoai Nam <namph@vn.fujikura.com>; Nogawa Ryoaburo(FJK 能川 亮三郎) <ryoaburo.nogawa@jp.fujikura.com>
Cc: FOV MDP Div Phan Vinh Thach <thachpv@vn.fujikura.com>; FOV MDP Duong Hong Nhung <nhungdh@vn.fujikura.com>; FOV MDP Vo Anh Tuan <tuanva@vn.fujikura.com>; Sakaguchi Yuya(FJK 坂口 有也) <yuya.sakaguchi@jp.fujikura.com>; Watanabe Junya(FJK 渡辺 順也) <junya.watanabe@jp.fujikura.com>; Nakajima Toshiaki(FJK 中島 俊彰) <toshiaki.nakajima@jp.fujikura.com>; Tanaka Yuuwa(FJK 田中 祐和) <yuwa.tanaka@jp.fujikura.com>
Subject: RE: Supplier propose to change material for magnet RSW0010, RSW0011

Dear Nam sam,

Thank you.

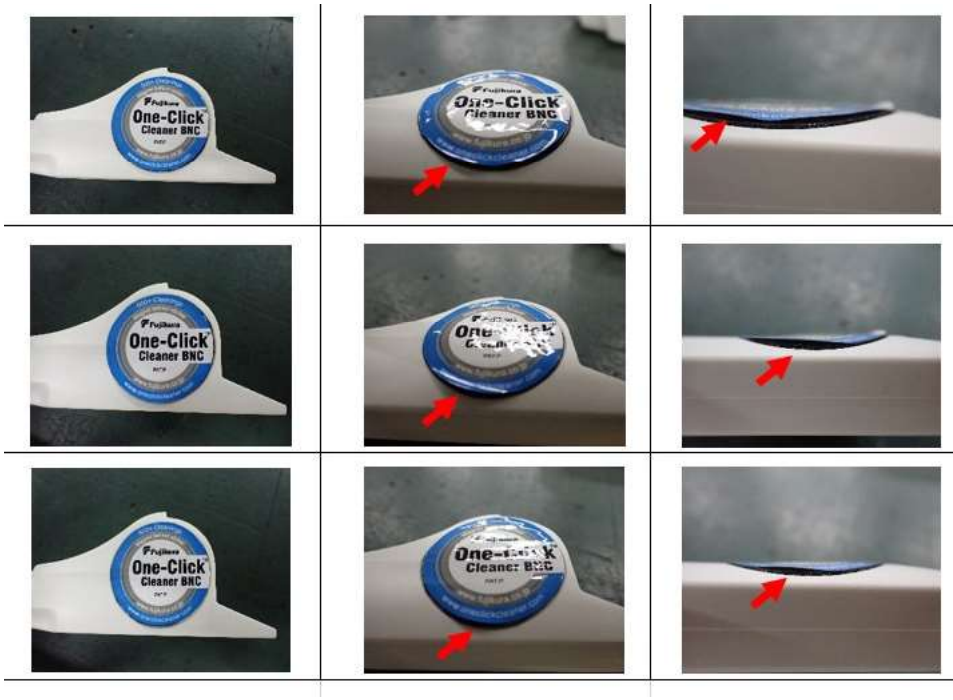
I shared kokikai's TR by attached Email. Eto's magnet is opened after Test Chamber 85° C; 96 hour.

If we approve Eto's magnet, I think we should re-evaluate it.

The difference between the FOV sample and the kokikai sample is that they use different sticker.

Could you make the test sample (Outer Shell + Eto's magnet + Sticker) and send it me?

I try to re-test. If that result is passed, we can approve Eto's magnet, too.



Best Regards,
Nakane

From: FOV MDP Pham Hoai Nam <namph@vn.fujikura.com>
Sent: Friday, September 27, 2024 3:38 PM
To: Nakane Junichi(FJK 中根 純一) <junichi.nakane@jp.fujikura.com>; Nogawa Ryozauro(FJK 能川 亮三郎) <ryozauro.nogawa@jp.fujikura.com>
Cc: FOV MDP Div Phan Vinh Thach <thachpv@vn.fujikura.com>; FOV MDP Duong Hong Nhung <nhungdh@vn.fujikura.com>; FOV MDP Vo Anh Tuan <tuanva@vn.fujikura.com>; Sakaguchi Yuya(FJK 坂口 有也) <yuya.sakaguchi@jp.fujikura.com>; Watanabe Junya(FJK 渡辺 順也) <junya.watanabe@jp.fujikura.com>; Nakajima Toshiaki(FJK 中島 俊彰) <toshiaki.nakajima@jp.fujikura.com>; Tanaka Yuuwa(FJK 田中 祐和) <yuwa.tanaka@jp.fujikura.com>
Subject: RE: Supplier propose to change material for magnet RSW0010, RSW0011

Dear Nakane-san

Good afternoon!

I would like to share the TR of Eto supplier.

Thank you for your strongly support FOV!

Thank you & Best Regards,
 Nam (Mr)/ Material Development Project Department
 Mobile: (+84) 0908 973 946

Report No.: 000-4-TSR-1537

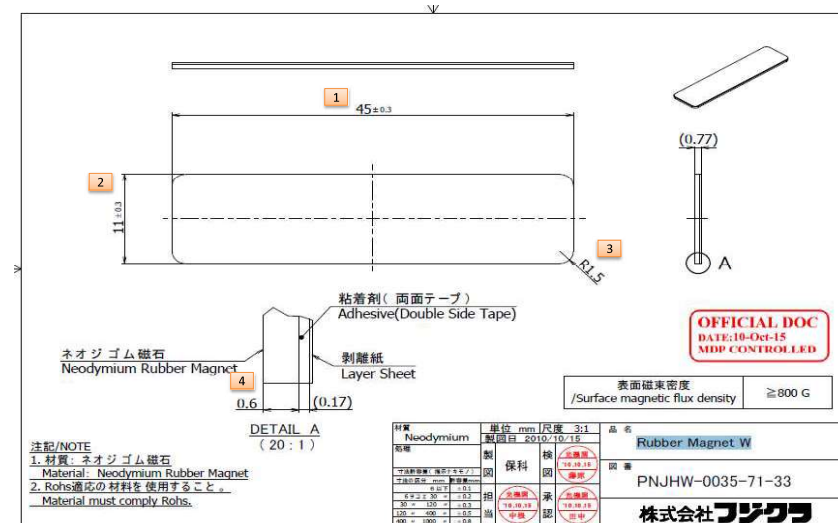
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Part Name	Rubber Magnet W	Supplier	
Draw no.	PNJHW-0035-71-33	Received Q'ty	
Material Lot no.		Checked Q'ty	
Prepared by	Linh	Date	
Checked by	Nam PH	Date	
Approved by	Phuong NT	Date	
Material code:			

I. Conclusion:

No.	Checking Item	Criteria	Test Result
1	Dimension checking	Measure all dimension	All dimension must be in spec
3	Appearance	Visual checking	No burr, deformation
4	Function check	Apply to actual product	Customer will decide
5	Material substance control	What supplier has confirmed?	YES: Supplier has confirmed their material shall meet substance control requirements following the spec. NO: Supplier can not assure it.

II. Dimension checking:



Remarks:	Good : O	DC	Digital calipers		MM	Dimension M.M (scope)			DIG	Digimicro	
	Not Good: X	PG	Pin gauge		DM	Disk micrometer			VM	Vantage machine	
Draw No.	Specification	TOLERANCE		Tool	FOV data		Tool	Supplier Data		Remarks	
		USL	LSL		Sample 1	Judge		Sample 2	Judge		
1	45.0	0.3	-0.3	DC	45.200	O					
2	11	0.3	-0.3	DC	11.000	O					
3	R 1.5	0.2	-0.2	MM	1.485	O					
4	0.6	0.1	-0.1	DC	0.660						
Result dimension:					PASS						Judge:Good and Not Good