RD-ECR (Engineering Change Request)

申請人: 機構課/江芷瑩 Lyn_Chiang　　表單號: 128　申請日期: 2026-10-28

Proposed Change	☑ Design modification 設計修改 ☐ Second source change 替代料變更 ☐ Material change 材料變更 ☐ Manufacturer change 製造商變更 ☐ Process sequency change 工序變更 ☐ Factory change 工廠變更 ☐ Equipment/Tooling change 設備/模具變更 ☐ Process/Method/Condition change 加工流程/方法 /條件變更 ☐ Others 其他			EC No	EC26100801
-	標籤上新增二維條碼以協助組裝人員識別零件。			Initiator	江芷瑩 Lyn_Chiang(D0717)
Reason for Change	ADD a barcode to the labels for display bezels 5827078 (black) and 5867867 (white) to help assemblers identify each part.			Issue Date	2026-10-28
Model / Part No	GEHC 3.7 Bezel User Interface - S (white) 1A42550001 & T (black) 1A42550000			Requester Dept	DV11S006-產品管理部
Implementation Type	○ 1. Immediately Change 立即切換 ◉ 2. Running Change 自然切換 ○ 3. Other 其他			-	N/A
PM	王志維 Ryan_Wang(D0480)	Sales	劉証瑋 Dennis_Liu(D0683)	File attached 附件上傳	EC附件20261028.pdf
Customer Approval	○ Needed ◉ Not needed	Customer Name	GEHC	Customer Sign-off Area 客戶簽核	
Invalid	◉ No ○ Yes	-	N/A		

Material Change Description 物料變更說明

No	Subassembly	T	PartNo	Description	Qty	Location	Stock	Remark
1	1A42550001	B	8MD672LB140	ALARM BAR LABEL(GEHC 5867867)	1.000			
1	1A42550001	A	8MD672LB14A	ALARM BAR LABEL(GEHC 5867867)	1.000			
2	1A42550000	B	8MD672LB040	ALARM BAR LABEL(GEHC 5827078)	1.000			
2	1A42550000	A	8MD672LB04A	ALARM BAR LABEL(GEHC 5827078)	1.000			

Engineering Change Assessment Item List 工程變更評估項目清單

1. Application for Revision of Specification or Drawing(s) for delivery 是否有修改交貨的規格或圖面	1.Confirm	○ Yes ◉ No need	1.Remark	無影響
2. Standards or Regulatories impact 是否有評估適用之標準或主管機關之相關法規的申請	2.Confirm	○ Yes ◉ No need	2.Remark	無影響
3. Change point of PCB mounting PCBA插件位置是否變更	3.Confirm	○ Yes ◉ No need	3.Remark	無影響
4. PCBA Process Changes PCBA製程是否變更	4.Confirm	○ Yes (Continue checking below) ◉ No	4.Remark	無影響
_ 4-1) Change of Reflow temperature 迴焊溫度是否變更	4-1 Confirm	○ Yes ◉ No need	4-1.Remark	無影響
_ 4-2) Change of bonding temperature 膠合溫度是否變更	4-2 Confirm	○ Yes ◉ No need	4-2.Remark	無影響
_ 4-3) Change of Manual Soldering temperature 人工手焊工具之溫度是否變更	4-3 Confirm	○ Yes ◉ No need	4-3.Remark	無影響
_ 4-4) Change of storage condition after protection humidity package 防潮包裝完成後的儲存條件是否變更	4-4 Confirm	○ Yes ◉ No need	4-4.Remark	無影響
5. Reliability test report(Test result and data) 是否有可靠性測試報告(測試結果及數據)	5.Confirm	○ Yes ◉ No need	5.Remark	無影響

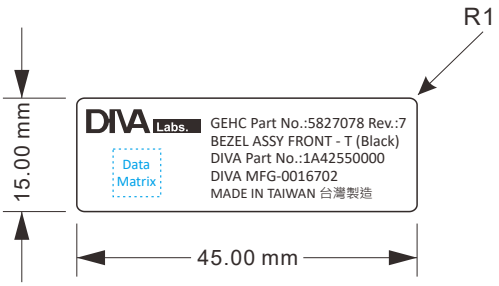
6. Process FMEA(Medical only) 是否有進行製程失效模式與效應分析	6.Confirm	○ Yes ● No need	6.Remark	無影響
7. Design FMEA(Medical only) 是否有進行設計失效模式與交應分析	7.Confirm	○ Yes ● No need	7.Remark	無影響
8. Risk Management(Medical only) 是否有進行風險管理評估	8.Confirm	○ Yes ● No need	8.Remark	無影響
9. Change points due to the modification 是否此修改會延伸導致其他變更點	9.Confirm	○ Yes ● No need	9.Remark	無影響
10. Initial Supply Control implements plan or result 是否有實施供料控制評估	10.Confirm	○ Yes ● No need	10.Remark	無影響
_ 10-1) Confirm the work order or order number or date for the implementation start of the engineering change 確認工程變更開始實施之工單或訂單號碼或日期	10-1 Confirm	● Yes ○ No need	10-1.Remark	2026.11.27 工單2006000開始導入
_ 10-2) Coordinate the handling methods for related products and materials 協調相關產品及材料處理方法	10-2 Confirm	○ Yes ● No need	10-2.Remark	無影響
_ 10-3) Arrange th production schedule 處理生產日程之安排	10-3 Confirm	○ Yes ● No need	10-3.Remark	2026.11.27 工單2006000開始導入
_ 10-4) Control the changed materials 變更材料之管制	10-4 Confrim	○ Yes ● No need	10-4.Remark	無影響
_ 10-5) Establish relevant execution control records for EC materials, register traceability data for each material 建立有關工程變更物料之相關執行管控記錄、登錄各項物料追溯性資料	10-5 Confirm	● Yes ○ No need	10-5.Remark	2026.11.27 工單2006000開始導入
11. Training Requirement 若此一變更影響製程或檢驗，是否需要再做人員訓練	11.Confrim	○ Yes ● No need	11.Remark	無影響
12-1. Modification contents(For example, the following documents) 是否有評估此變更之各項相關文件(如下)	12-1 Confirm	☐ QC control plan ☐ Service Manual ☐ Others ☑ Not needed	12-1.Remark	N/A
12-2. Modification contents(For example, the following documents) 是否有評估此變更之各項相關文件(如下)	12-2 Confirm	☐ SIP ☑ SOP ☐ Others ☐ No need	12-2.Remark	SOP須變更.
12-3. Modification contents(For example, the following documents) 是否有評估此變更之各項相關文件(如下)	12-3 Confirm	☑ MDF ☑ DMR ☐ Approval Sheet ☐ Engineering Spec ☐ Others ☑ Not needed	12-3.Remark	無影響
DIVA 鈺緯科技開發股份有限公司		版本：C		表單編號：QR-736-05

簽核列表 ● 表格 ○ 圖形

序號	簽核人	簽核結果	簽核意見
1	**陳志偉 Lasliechen** 二階主管(課/部級)	**同意** 2026-10-28 16:35	
2	**張鈞凱 Ericchang** ECR-DQE人員	**同意** 2026-10-29 09:15	無影響EMI
2	**林金封 Jim_Lin** ECR-DQE人員	**同意** 2026-10-29 09:16	N/A
2	**林雪清 Joe_Lin** ECR-DQE人員	**同意** 2026-10-30 08:36	新增二維條碼，不影響功能
2	**呂旻峰 Jack** ECR-DQE人員	**同意** 2026-10-30 11:58	N/A
3	**廖榮棋 Rongchi_Liao** DQE主管	**同意** 2026-10-30 15:29	
4	**王志維 Ryan_Wang** PM	**同意** 2026-10-30 15:37	

序號	簽核人	簽核結果	簽核意見
4	**劉証瑋 Dennis_Liu** Sales	**同意** 2026-10-30 16:48	
5	**楊建勛 Michael_Young** R&D Director [通知]	**同意** 2026-10-30 16:48	[通知]
6	**蕭玉桃 Momohsiao** ECR-PIC人員	**同意** 2026-10-30 17:10	
7	**王世炫 Hsuan_Wang** ECR-PE人員	**同意** 2026-10-30 17:27	SOP須變更.
8	**林益銓 Nick_Lin** PE	**同意** 2026-10-30 17:54	
9	**王世炫 Hsuan_Wang** [黃振哲 Terry_Huang 加簽]確認工單2005942 有無導入	**同意** 2026-11-02 10:22	跟PM確認後,此工單2005942 不導入.
10	**黃振哲 Terry_Huang** ECR-PMC人員	**同意** 2026-11-02 10:27	
11	**邱羽萱 Lily_Chiu** PMC	**同意** 2026-11-02 10:30	
12	**黃瓊玉 Joannehuang** ECR-PD人員	**同意** 2026-11-02 10:52	
12	**郭修榮 Omega_Kuo** PD	**同意** 2026-11-02 10:57	
12	**李慧珊 Sandra** ECR-SCM人員	**同意** 2026-11-02 11:46	
13	**呂姿蓁 Chris_Lu** [李慧珊 Sandra 加簽]	**同意** 2026-11-02 15:29	
14	**李金龍 Kevin_Lee** ECR-QA人員	**同意** 2026-11-02 17:41	
15	**陳泰盛 Tyson_Chen** QA	**同意** 2026-11-02 17:48	
16	**楊建勛 Michael_Young** R&D Director	**同意** 2026-11-03 08:46	
17	**蕭玉桃 Momohsiao** ECR-PIC人員	**同意** 2026-11-03 10:11	
18	**江芷瑩 Lyn_Chiang** SAP核發	**同意** 2026-11-04 16:04	

REV.	DATE	DESCRIPTION	BY	APVD
A	2025-10-27	PRODUCTION RELEASE	Lyn	
B	2026-10-28	ADD 2D Barcode：Data Matrix	Lyn	



Notes:

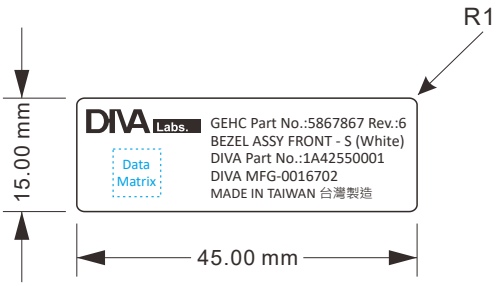
1.Use 3MDL4XLB580 Blank label.
Use Ricoh #B110CR ribbon.

2.IQC inspection document : QWI-021

3.2D Barcode：Data Matrix
內容：5827078(Black)

PM / SALES	THIRD ANGLE PROJECTION	UNITS: mm	SCALE: 1/1	SHEET: 1/1	MODEL NO.: BEZEL USER INTERFACE - T
2026/10/28 Ryan Wang		MATERIAL: SEE NOTES		TREATMENT: SEE NOTES	
ENG.DEPT	DSGD by Lyn	2026/10/28	PART NAME: ALARM BAR LABEL(GE 5827078)		
SAFETY	APVD by		PART NO.:8MD672LB04A		VER.A
	APVD NO.:	FILE NAME: BEZEL USER INTERFACE - T.cdr	DIVA Laboratories,Ltd.		

REV.	DATE	DESCRIPTION	BY	APVD
A	2025-10-27	PRODUCTION RELEASE	Lyn	
B	2026-10-28	ADD 2D Barcode：Data Matrix	Lyn	



Notes:

1.Use 3MDL4XLB580 Blank label.
Use Ricoh #B110CR ribbon.

2.IQC inspection document : QWI-021

3.2D Barcode：Data Matrix
內容：5867867(White)

PM / SALES 2026/10/28 Ryan Wang	THIRD ANGLE PROJECTION	UNITS: mm	SCALE: 1/1	SHEET: 1/1	MODEL NO.: BEZEL USER INTERFACE - S
		MATERIAL: SEE NOTES		TREATMENT: SEE NOTES	
ENG.DEPT	DSGD by Lyn	2026/10/28	PART NAME: ALARM BAR LABEL(GE 5867867)		
SAFETY	APVD by		PART NO.:8MD672LB14A		VER.A
	APVD NO.:	FILE NAME: BEZEL USER INTERFACE - S.cdr	DIVA Laboratories,Ltd.		

寄件者: RYAN <ryan_wang@diva.com.tw>
寄件日期: 2026年10月28日星期三 下午 2:01
收件者: 'lyn_chiang'
副本: 'Nick_Lin 林益銓'; 'annie chen'; 'Asli_Cheng 鄭正宜'; 'lasliechen''; 'Dennis'; 'JoanneHuang 黃瓊玉-生產課(ENG/PCD)'; 'Killy_Lee'
主旨: RE: Display Bezel Label
附件: BEZEL USER INTERFACE - S (White)_ALARM BAR LABEL (GEHC 5867867)_3MDL4XLB580_8MD672LB14A_20261028 R.pdf; BEZEL USER INTERFACE - T (Black)_ALARM BAR LABEL (GEHC 5827078)_3MDL4XLB580_8MD672LB04A_20261028 R.pdf

類別: !!

Hi Lyn,

圖面簽回如附件. 謝謝

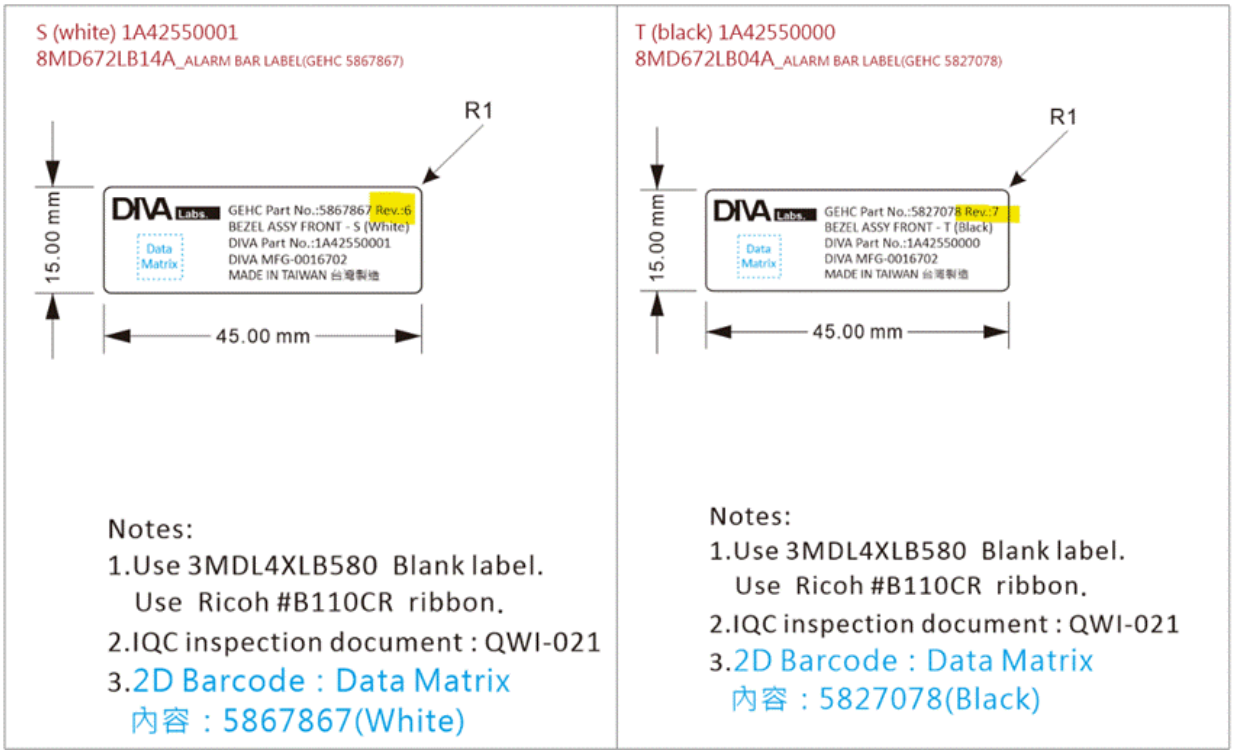
1.圖面已變更，新增2D Barcode：Data Matrix。
2.料號進階(料號申請中)，8MD672LB14A _ALARM BAR LABEL(GEHC 5867867)
8MD672LB04A _ALARM BAR LABEL(GEHC 5827078)
3.請問黃色版本標示 5867867 **Rev.: 6** 跟 5827078 **Rev.: 7**是否需要變更? **Ryan: 不用**

Best Regards,
Ryan Wang

DIVA Laboratories , Ltd.
Tel: (02)2226-8631 EXT: 223

From: lyn_chiang <lyn_chiang@diva.com.tw>
Sent: Wednesday, October 28, 2026 1:47 PM
To: 'RYAN' <ryan_wang@diva.com.tw>
Cc: 'Nick_Lin 林益銓' <nick_lin@diva.com.tw>; 'annie chen' <annie_chen@diva.com.tw>; 'Asli_Cheng 鄭正宜' <asli_cheng@diva.com.tw>; 'lasliechen'' <lasliechen@diva.com.tw>; 'Dennis' <Dennis_liu@diva.com.tw>; 'JoanneHuang 黃瓊玉-生產課(ENG/PCD)' <joannehuang@diva.com.tw>; 'Killy_Lee' <killy_lee@diva.com.tw>
Subject: RE: Display Bezel Label

Hi Ryan,
GEHC 3.7 Bezel User Interface - S (white) 1A42550001 & T (black) 1A42550000
1.圖面已變更，新增2D Barcode：Data Matrix。
2.料號進階(料號申請中)，8MD672LB14A _ALARM BAR LABEL(GEHC 5867867)
8MD672LB04A _ALARM BAR LABEL(GEHC 5827078)
3.請問黃色版本標示 5867867 **Rev.: 6** 跟 5827078 **Rev.: 7**是否需要變更?
4.若沒問題，請回覆並通知會簽，謝謝。



Best regards,
Lyn Chiang 江芷瑩 (#509)
DIVA Laboratories, Ltd.
T :+886-2-2226-8631 | E : lyn_chiang@diva.com.tw
F :+886-2-2226-2423 | W : www.diva.com.tw
A: 9F., No.351, Sec. 2, Zhongshan Road, Zhonghe District , New Taipei City 235602, Taiwan R.O.C.

From: RYAN [mailto:ryan_wang@diva.com.tw]
Sent: Wednesday, October 28, 2026 11:38 AM
To: 'Killy_Lee' <killy_lee@diva.com.tw>; 'lyn_chiang' <lyn_chiang@diva.com.tw>
Cc: 'Nick_Lin 林益銓' <nick_lin@diva.com.tw>; 'annie chen' <annie_chen@diva.com.tw>; 'Asli_Cheng 鄭正宜' <asli_cheng@diva.com.tw>; 'lasliechen'' <lasliechen@diva.com.tw>; 'Dennis' <Dennis_liu@diva.com.tw>; 'JoanneHuang 黃瓊玉-生產課(ENG/PCD)' <joannehuang@diva.com.tw>
Subject: FW: Display Bezel Label

Hi Killy & Lyn,

GEHC 3.7 Bezel User Interface - S (white) 1A42550001 & T (black) 1A42550000 客戶要在 8MD672LB140 - ALARM BAR LABEL (GEHC 5867867) & 8MD672LB040 - ALARM BAR LABEL (GEHC 5827078) 新增 QR code 印刷如下圖.
請幫忙發行 ECN 導入, 不需客戶承認. 謝謝



Best Regards,
Ryan Wang

DIVA Laboratories , Ltd.
Tel: (02)2226-8631 EXT: 223

From: Inman, Scott A <scott.inman@gehealthcare.com>
Sent: Wednesday, October 28, 2026 2:26 AM
To: RYAN <ryan_wang@diva.com.tw>
Cc: Johnson, Benjamin <benjamin.johnson@gehealthcare.com>; Buthod, Tom <John.Buthod@gehealthcare.com>; 'Nick_Lin 林益銓' <nick_lin@diva.com.tw>; 'annie chen' <annie_chen@diva.com.tw>; Asli_Cheng 鄭正宜 <asli_cheng@diva.com.tw>; 'lasliechen'' <lasliechen@diva.com.tw>; Jiang, Xinkai <Xinkai.Jiang@gehealthcare.com>
Subject: RE: Display Bezel Label

Hi Ryan,
Yes, MFG was able to scan these QR codes with the proper info included.

Regards

Scott Inman
Lead Mechanical Engineer
GE Healthcare – ARC
T 608 221-1551
M 608 334-9145
f 608-223-2488
scott.inman@gehealthcare.com

From: RYAN <ryan_wang@diva.com.tw>
Sent: Tuesday, October 27, 2026 7:52 AM
To: Inman, Scott A <scott.inman@gehealthcare.com>
Cc: Johnson, Benjamin <benjamin.johnson@gehealthcare.com>; Buthod, Tom <John.Buthod@gehealthcare.com>; 'Nick_Lin 林益銓' <nick_lin@diva.com.tw>; 'annie chen' <annie_chen@diva.com.tw>; Asli_Cheng 鄭正宜 <asli_cheng@diva.com.tw>; 'lasliechen'' <lasliechen@diva.com.tw>; Jiang, Xinkai <Xinkai.Jiang@gehealthcare.com>
Subject: RE: Display Bezel Label

CAUTION: This email originated from outside of GE HealthCare. *Only open links or attachments if you trust the sender*. Report suspicious emails using Outlook’ s “Report” button.

Hi Scott

Below is our proposal for adding a QR code to the labels for display bezels 5827078 (black) and 5867867 (white) to help assemblers identify each part. We’ ve also attached a sample label for your reference.

Please try scanning the sample with your barcode scanner to confirm whether it can read the QR code and identify the part as expected.



Thank you,
Best Regards,
Ryan Wang

DIVA Laboratories , Ltd.
Tel: (02)2226-8631 EXT: 223

From: RYAN <ryan_wang@diva.com.tw>
Sent: Saturday, October 24, 2026 12:00 PM
To: 'Inman, Scott A' <scott.inman@gehealthcare.com>
Cc: 'Johnson, Benjamin' <benjamin.johnson@gehealthcare.com>; 'Buthod, Tom' <John.Buthod@gehealthcare.com>; 'Nick_Lin 林益銓' <nick_lin@diva.com.tw>; 'annie chen' <annie_chen@diva..com.tw>; Asli_Cheng 鄭正宜 <asli_cheng@diva.com.tw>; 'lasliechen'' <lasliechen@diva.com.tw>
Subject: RE: Display Bezel Label

Hi Scott,

Thank you for your inquiry. I'll discuss with our manufacturing team how the barcode labels could help assemblers distinguish between display bezel 5827078 (black) and 5867867 (white), and get back to you with our proposed solution by October 28.

Thank you,
Best Regards,
Ryan Wang

DIVA Laboratories , Ltd.
Tel: (02)2226-8631 EXT: 223

From: Inman, Scott A <scott.inman@gehealthcare.com>
Sent: Saturday, October 24, 2026 5:00 AM
To: RYAN <ryan_wang@diva.com.tw>
Cc: Johnson, Benjamin <benjamin.johnson@gehealthcare.com>; Buthod, Tom <John.Buthod@gehealthcare.com>
Subject: Display Bezel Label

Hi Ryan

I have a question with the bar code label added to Display Bezels 5827078 and 5867867. Is there any logic built in we can detect with a bar code scanner to identify this unit as being either 5827078 (black) or 5867867 (white). This will be used as an assembly reference for the product assemblers.



Best Regards,

Scott Inman
Lead Mechanical Engineer
GE Healthcare – ARC
T 608 221-1551
M 608 334-9145
f 608-223-2488
scott.inman@gehealthcare.com

設計變更審查會議記錄

時間	**2026/10/28**	地點	**800 會議室**	主席	**Ryan**
參與人員： **Ryan、Lyn、Killy**					

討論與決議事項：

機種名稱:

GEHC 3.7 Bezel User Interface - S (white) 1A42550001 & T (black) 1A42550000

設計變更原因 : ADD a barcode to the labels for display bezels 5827078 (black) and 5867867 (white) to help assemblers identify each part.

設計變更描述: Add a barcode to the labels.

導入時程 : Normal

客戶審查 : Not needed

一. 研發發展部評估:

單位	審查內容	附加文件
HW:	評估變更 Labels 與硬體設計無關,不會造成硬體安全性影響	無
FW:	評估變更 Labels 與硬體設計無關,不會造成硬體安全性影響	無
ME:	評估變更 Labels 與硬體設計無關,不會造成硬體安全性影響	無
SW:	評估變更 Labels 與硬體設計無關,不會造成硬體安全性影響	無
DQE:	評估變更 Labels 與硬體設計無關,不會造成硬體安全性影響	無

設計變更審查會議記錄

二 結論:

1. LABELS UPDATE.
2. 開發單位各課評估後,此設計變更不會對產品預期用途造成影響

功能	設計變更內容無關功能影響.
性能	設計變更內容,無關產品性能影響.
可用性	無影響,沒有使用上的風險.
安全性	組裝方式沒有改變, 沒有安全性風險.
法規	經審查,沒有影響法規內容.