## ـــــادة مطابقـ **CERTIFICATE OF CONFORMIT**

23-01-60707/E22-12-057909/NB0007 **Certificate Number:** رقم الشهادة:

**Registration Date:** 26/01/2023 تاريخ التسجيل:

صالحة لغاية: Valid Until: 25/01/2024

**Endress & Hauser Process Automation UAE Trading** 

Issued To: أصدرت إلى: P.O. Box 473547 ,17th Floor, Office 1702, Control

Tower Building, Dubai Metro City, Dubai

Section: Electrical القسم:

الأجهزة الكهربائية المعدة للاستخدام **ECAS-Ex Product Category:** تصنيف المنتج: في الأجواء القابلة للانفجار

الأجهزة الكهربائية المعدة للاستخدام **Product Sub-Category: ECAS-Ex** التصنيف الفرعي للمنتج: في الأجواء القابلة للانفجار

يرجى التحقق من بيان التسجيل المرفق لجميع تفاصيل المنتجات Please check Schedule of certification for all product details



جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



Products are registered under the Emirates Conformity Assessment Scheme (ECAS) based on compliance to the Approved Standards



المنتجات مسجلة في نظام تقويم المطابقة الإماراتي (إيكاس) بناء على مطابقتها للمواصفات المعتمدة

This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification هذه الشهادة صدرت إلكترونياً والتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.













Ministry of Industry and Advanced Technology

Endress & Hauser Process Automation UAE Trading **Company Name:** 

اسم الشركة:

الأجهزة الكهربائية المعدة للاستخدام في الأجواء القابلة للانفجار **Product Category: ECAS-Ex** تصنيف المنتج:

LLC

**Certificate No.:** 23-01-60707/E22-12-057909/NB0007 رقم التسجيل:

تاريخ التسجيل: **Registration Date:** 26/01/2023

صالح لغاية: Valid Until: 25/01/2024

Sr.No.	الاسم التجاري Brand Name	رقم الموديل Model Number	تفاصيل المنتج Product Details	تصنيف النجوم Star Rating	الأبعاد/الحجم Dimension/Size	التقارير Reports	المواصفات المطبقة Applicable Standards	بلد المنشأ Country Of Origin
1	Endress+Hauser	FMR50	Microwave unit Micropilot type series FMR5x Type of Protection: General requirements, Flameproof Enclosures "d", intrinsic safety "i",	N/A		IECEx PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10	UAE.S IEC 60079-1- 06, UAE.S IEC 60079-11, UAE.S IEC 60079-26, UAE.S IEC	GERMANY

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة

Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 1 of 17













Ministry of Industry and Advanced Technology

		Equipment protection by type of protection "n", Equipment with equipment protection level (EPL) Ga, Equipment dust ignition protection by enclosure "t" Marking as listed in the Attachment to the certificate IECEx PTB12.0044x issue no. 3			60079-0, UAE.S IEC 60079-15, UAE.S IEC 60079-31	
2	Endress+Hauser	Microwave unit Micropilot type series FMR5x Type of Protection: General requirements,	N/A	IECEx PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10		GERMANY

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 2 of 17













Ministry of Industry and Advanced Technology

			Flameproof Enclosures "d", intrinsic safety "i", Equipment protection by type of protection "n", Equipment with equipment protection level (EPL) Ga, Equipment dust ignition protection by enclosure "t" Marking as listed in the Attachment to the certificate IECEx PTB12.0044x issue no. 3			IEC 60079-26, UAE.S IEC 60079-0, UAE.S IEC 60079-15, UAE.S IEC 60079-31	
3	Endress+Hauser	FMR52	Microwave unit Micropilot type series	N/A	IECEX PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10	UAE.S IEC 60079-1- 06,	GERMANY

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة

Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 3 of 17











Ministry of Industry and Advanced Technology

FMR5x Type of Protection: General requirements, Flameproof Enclosures "d", intrinsic safety "i", Equipment protection by type of protection "n", Equipment with equipment protection level (EPL) Ga, Equipment dust ignition protection by enclosure "t" Marking as
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 4 of 17











#### **SCHEDULE OF CERTIFICATION**

Ministry of Industry and Advanced Technology

4	Endress+Hauser	FMR53	Microwave unit Micropilot type series FMR5x Type of Protection: General requirements, Flameproof Enclosures "d", intrinsic	N/A	IECEx PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10	UAE.S IEC 60079-1- 06, UAE.S IEC 60079-11, UAE.S IEC 60079-26, UAE.S	GERMANY
			type of protection "n", Equipment with equipment protection level (EPL) Ga, Equipment dust ignition protection by enclosure "t" Marking as listed in the Attachment to the			IEC 60079-15, UAE.S IEC 60079-31	

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 5 of 17













Ministry of Industry and Advanced Technology

1	1	1	1		•	ı	1	1
			certificate IECEx PTB12.0044x issue no. 3					
5	Endress+Hauser	FMR54	Microwave unit Micropilot type series FMR5x Type of Protection: General requirements, Flameproof Enclosures "d", intrinsic safety "i", Equipment protection by type of protection "n", Equipment with equipment protection level (EPL) Ga, Equipment dust ignition protection by enclosure "t"	N/A		IECEx PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10	UAE.S IEC 60079-1- 06, UAE.S IEC 60079-11, UAE.S IEC 60079-0, UAE.S IEC 60079-15, UAE.S IEC 60079-31	GERMANY

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 6 of 17













#### **SCHEDULE OF CERTIFICATION**

Ministry of Industry and Advanced Technology

			Marking as listed in the Attachment to the certificate IECEx PTB12.0044x issue no. 3				
6	Endress+Hauser	FMR56	Microwave unit Micropilot type series FMR5x Type of Protection: General requirements, Flameproof Enclosures "d", intrinsic safety "i", Equipment protection by type of protection "n", Equipment with equipment protection level (EPL) Ga,	Z/A	IECEx PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10	UAE.S IEC 60079-1- 06, UAE.S IEC 60079-11, UAE.S IEC 60079-0, UAE.S IEC 60079-15, UAE.S IEC 60079-31	GERMANY

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 7 of 17













Ministry of Industry and Advanced Technology

			Equipment dust ignition protection by enclosure "t" Marking as listed in the Attachment to the certificate IECEx PTB12.0044x issue no. 3				
7	Endress+Hauser	FMR57	Microwave unit Micropilot type series FMR5x Type of Protection: General requirements, Flameproof Enclosures "d", intrinsic safety "i", Equipment protection by type of protection "n", Equipment with	N/A	IECEX PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10	UAE.S IEC 60079-1- 06, UAE.S IEC 60079-11, UAE.S IEC 60079-26, UAE.S IEC 60079-0, UAE.S IEC 60079-15, UAE.S IEC 60079-15, UAE.S	GERMANY

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً والتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 8 of 17













#### **SCHEDULE OF CERTIFICATION**

Ministry of Industry and Advanced Technology

Ī				equipment				
				protection level (EPL)				
				Ga,				
				Equipment dust ignition				
				protection by				
				enclosure "t"				
				Marking as listed in the				
				Attachment				
				to the certificate				
				IECEx				
				PTB12.0044x				
-			_	issue no. 3				_
	8	Endress+Hauser	OFMR50	Microwave unit	N/A	IECEx PTB 12.0044X DE/PTB/ExTR12.0058/03	UAE.S IEC	GERMANY
				Micropilot		DE/TUN/QAR06.0003/10	60079-1-	
				type series			06,	
				OFMR5x Type of			UAE.S IEC	
				Protection:			60079-11,	
				General			UAE.S	
				requirements,			IEC 60079-26	
				Flameproof Enclosures			60079-26, UAE.S	
				Flameproof Enclosures "d", intrinsic			60079-26, UAE.S IEC	
				Flameproof Enclosures			60079-26, UAE.S	

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 9 of 17











Ministry of Industry and Advanced Technology

			type of protection "n", Equipment with equipment protection level (EPL) Ga, Equipment dust ignition protection by enclosure "t" Marking as listed in the Attachment to the certificate IECEx PTB12.0044x issue no. 3			60079-15, UAE.S IEC 60079-31	
9	Endress+Hauser	OFMR51	Microwave unit Micropilot type series OFMR5x Type of Protection: General requirements, Flameproof	N/A	IECEx PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10	UAE.S IEC 60079-1- 06, UAE.S IEC 60079-11, UAE.S IEC 60079-26,	GERMANY

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 10 of 17













Ministry of Industry and Advanced Technology

			Enclosures "d", intrinsic safety "i", Equipment protection by type of protection "n", Equipment with equipment protection level (EPL) Ga, Equipment dust ignition protection by enclosure "t" Marking as listed in the Attachment to the certificate IECEx PTB12.0044x issue no. 3			UAE.S IEC 60079-0, UAE.S IEC 60079-15, UAE.S IEC 60079-31	
10	Endress+Hauser	OFMR52	Microwave unit Micropilot type series OFMR5x	N/A	IECEX PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10	UAE.S IEC 60079-1- 06, UAE.S	GERMANY

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 11 of 17













Ministry of Industry and Advanced Technology

Type of Protection: General requirements, Flameproof Enclosures "d", intrinsic safety "i", Equipment protection by type of protection "n", Equipment with equipment protection level (EPL) Ga, Equipment dust ignition protection by enclosure "t" Marking as listed in the Attachment to the certificate IECEx PTB12.0044x	IEC 60079-11, UAE.S IEC 60079-26, UAE.S IEC 60079-0, UAE.S IEC 60079-15, UAE.S IEC 60079-31
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 12 of 17













## **SCHEDULE OF CERTIFICATION**

Ministry of Industry and Advanced Technology

11	Endress+Hauser	OFMR53	unit Micropilot type series OFMR5x Type of Protection: General requirements, Flameproof Enclosures "d", intrinsic safety "i", Equipment protection by type of protection "n", Equipment with equipment protection level (EPL) Ga, Equipment dust ignition protection by enclosure "t"	N/A	IECEx PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10	
			protection by			

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة

Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً والتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 13 of 17













#### **SCHEDULE OF CERTIFICATION**

Ministry of Industry and Advanced Technology

			to the certificate IECEx PTB12.0044x issue no. 3				
12	Endress+Hauser	OFMR54	Microwave unit Micropilot type series OFMR5x Type of Protection: General requirements, Flameproof Enclosures "d", intrinsic safety "i", Equipment protection by type of protection "n", Equipment with equipment protection level (EPL) Ga, Equipment dust ignition	N/A	IECEX PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10	UAE.S IEC 60079-1- 06, UAE.S IEC 60079-26, UAE.S IEC 60079-0, UAE.S IEC 60079-15, UAE.S IEC 60079-31	GERMANY

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة

Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 14 of 17













#### **SCHEDULE OF CERTIFICATION**

Ministry of Industry and Advanced Technology

			protection by enclosure "t" Marking as listed in the Attachment to the certificate IECEx PTB12.0044x issue no. 3				
13	Endress+Hauser	OFMR56	Microwave unit Micropilot type series OFMR5x Type of Protection: General requirements, Flameproof Enclosures "d", intrinsic safety "i", Equipment protection by type of protection "n", Equipment with equipment	N/A	IECEx PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10	UAE.S IEC 60079-1- 06, UAE.S IEC 60079-11, UAE.S IEC 60079-0, UAE.S IEC 60079-15, UAE.S IEC 60079-15, UAE.S IEC	GERMANY

## intertek

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً ولاتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 15 of 17













Ministry of Industry and Advanced Technology

			protection level (EPL) Ga, Equipment dust ignition protection by enclosure "t" Marking as listed in the Attachment to the certificate IECEx PTB12.0044x issue no. 3				
14	Endress+Hauser	OFMR57	Microwave unit Micropilot type series OFMR5x Type of Protection: General requirements, Flameproof Enclosures "d", intrinsic safety "i", Equipment protection by type of	N/A	IECEX PTB 12.0044X DE/PTB/ExTR12.0058/03 DE/TUN/QAR06.0003/10	UAE.S IEC 60079-1- 06, UAE.S IEC 60079-11, UAE.S IEC 60079-26, UAE.S IEC 60079-0, UAE.S IEC 60079-15,	GERMANY

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة

Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً والتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 16 of 17













Ministry of Industry and Advanced Technology

	protection "n", Equipment with equipment protection level (EPL) Ga, Equipment dust ignition protection by enclosure "t" Marking as listed in the Attachment to the certificate IECEx PTB12.0044x issue no. 3	ng Follows	UAE.S IEC 60079-31
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------	--------------------------

جهة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة Notified body by Ministry of Industry and Advanced Technology



This is an electronic certificate and does not require stamp and signature. Certificate will be invalid in case of any modification



هذه الشهادة صدرت إلكترونياً والتحتاج لختم أو توقيع، أي كشط أو تغيير في هذه الشهادة يلغيها.

Page 17 of 17











