[Organization]	1
Hurganization	ายอย

[Organization name]

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PROCEDURE FOR EQUIPMENT MAINTENANCE AND MEASURING EQUIPMENT

Code:	
Version:	0.1
Created by:	
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Date of version:	
Signature:	

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Change history

Date	Version	Created by	Description of change
	0.1	Advisera	Basic document outline

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1. Purpose, scope and users

The purpose of this Procedure is to describe maintaining equipment in order to provide evidence for the conformity of the product.

This procedure applies to all equipment and measuring equipment in [organization name].

Users of this document are [employees of Maintenance department] of [organization name].

2. Reference documents

- ISO 13485:2016 standard, clauses 6.3 and 7.6
- MDR 2017/745 Annex IX Chapter I
- Procedure for Purchasing and Evaluation of Suppliers
- Procedure for Control of Nonconforming Products
- Procedure for Corrective and Preventive Action
- Procedure for Human Resources
- [other legal and contractual requirements]

3. Equipment maintenance

3.1. Identifying equipment

[Job title] enters all equipment into the List of Equipment. [Job title] must ensure that inventory numbers identify all equipment.

3.2. Equipment maintenance

3.2.1. Maintenance planning

According to the List of Equipment and instruction manuals from manufacturers, [job title] creates the Plan for Preventive Maintenance of Equipment.

3.2.2. Preventive maintenance

[Employees of Maintenance department] conduct all activities regarding preventive maintenance according to the Plan for Preventive Maintenance of Equipment; an authorized service provider executes activities that the organization cannot perform.

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Commented [AES4]: Include the name of your organization.

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Commented [AES6]: Include the name of your organization.

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You can find the full text of the MDR on the following link: https://advisera.com/13485academy/mdr/

Commented [AES8]: You can find a template for this document in the ISO 13485 & MDR Integrated Documentation Toolkit, folder "11_Purchasing_and_Evaluation_of_Suppliers".

Commented [AES9]: You can find a template for this document in the ISO 13485 & MDR Integrated Documentation Toolkit, folder "18_Nonconformities".

Commented [AES10]: You can find a template for this document in the ISO 13485 & MDR Integrated Documentation Toolkit, folder "25_Corrective_and_Preventive_Action".

Commented [AES11]: You can find a template for this document in the ISO 13485 & MDR Integrated Documentation Toolkit, folder "05_Human_Resources".

Commented [AES12]: E.g., Maintenance Manager

Commented [AES13]: E.g., HR Manager

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Commented [AES15]: E.g., Maintenance Manager

Commented [AES16]: E.g., Maintenance Manager

Commented [AES17]: E.g., Purchasing Manager

Commented [AES18]: Adapt to the organization's practice

[organization name] 3.2.3. Repairing equipment Every employee who notices equipment malfunctioning is obliged to report it to [job title]. Repairs are performed internally if possible; otherwise, [job title] hires an appropriate service provider. Commented [AES19]: E.g., Maintenance Manager or CEO Commented [AES20]: E.g., Maintenance Manager Commented [AES21]: E.g., Maintenance Manager or CEO Measuring equipment maintenance According to processes identified, the organization determines needs for monitoring and measuring equipment. Monitoring involves all activities of observing and supervision in a defined period. Monitoring can, but does not have to, result in a measuring unit. Commented [AES22]: Adapt to organization's practice. [Job title] is responsible for calibration of measuring equipment and validation of monitoring Commented [AES23]: Adapt to organization's practice. equipment. It would not be necessary to calibrate monitoring equipment if it has been validated. 3.3.1. Calibration of measuring equipment The owner of the process in which measuring equipment is used is responsible for specifying calibration intervals prior to use. Calibration is performed by [job title or authorized laboratory] against measurable standards Commented [AES24]: Delete if all calibration activities are traceable to international or national standards. [Job title] performs adjustments or re-adjustments where necessary. Commented [AES25]: Include the name of your organization. If the calibration of measuring equipment is conducted in external laboratories, it is necessary to select those laboratories that are accredited for the required equipment and measurement ranges. If the calibration of measuring equipment is conducted internally, calibration must be performed against a reference master device. Commented [AES26]: E.g., Maintenance Manager Procedure for Equipment Maintenance ver. [version] from [date] Page 4 of 6 and Measuring Equipment

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[organization name]

The owner of the process in which measuring equipment is used is responsible for preventing unauthorized adjustments that would invalidate the measuring results.

Commented [AES27]: E.g., Maintenance Manager

If it turns out that the measuring equipment is malfunctioning or out of the calibration validity, [job title] must determine in which phase of the process the malfunction occurred, in order to eliminate potential consequences.

3.3.2. Software validation

[Job title] must validate software used for examinations, in order to ensure that software can respond to requests of measurement.

Commented [AES28]: Delete if not used by the organization.

Commented [AES29]: One of the ways of validation of

Commented [AES30]: For example, for protecting SCADA

3.3.3. Measuring equipment storage

[Job title] is responsible for storage of measuring equipment in a way that prevents damage and deterioration during storage.

Commented [AES31]: E.g., Warehousing Manager

Commented [AES32]: E.g., Maintenance Manager

4. Managing records kept on the basis of this document

	225		Storage	
Record name	Code	Manageritan Street	Securities	-
List of Equipment	PR20.1	Especia.	Selfour of Machine parts Machine parts	gas rinc
Plan for Preventive Maintenance of Equipment	PR20.2	Numero.	Services Managers Managers	(par ma)
Maintenance and Calibration Record	PR20.3	(Famour)	Selfor of Manageria Manageri	

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5. Appendic	es			
• Append	ix 1 – List of Equipment	Montenano el la	and the same of	
* Assert	L1-Motoress edil	of braider Record		
[job title] [name]				
[signature]				

Commented [AES36]: Only necessary if the Procedure for Document and Record Control prescribes that paper documents must be signed.

[organization name]