[Organization logo]

[Organization name]

Commented [9A1]: All fields in this document marked by square brackets [] must be filled in.

PROCEDURE FOR EQUIPMENT MAINTENANCE AND MEASURING EQUIPMENT

Code:

Version: 0.1

Created by:

Approved by:

Date of version:

Signature:

Commented [9A2]: If you want to find out more about measuring equipment control, see:

article: Monitoring and Measurement Equipment Control
 http://advisera.com/9001academy/blog/2014/05/06/monitoring
 _measurement-equipment-control/
 free online course: ISO 9001 Foundations Course

•free online course: ISO 9001 Foundations Course http://training.advisera.com/course/iso-90012015-foundationscourse/

Commented [9A3]: Adapt to the existing practice in organization

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Commented [9A4]: This is only necessary if document is in paper form; otherwise, this table should be deleted.

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Change history

Date	Version	Created by	Description of change
	0.1	9001Academy	Basic document outline

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1. Purpose, scope and users

The purpose of this procedure is to describe the process of maintaining equipment and measuring equipment in order to keep them constantly in working order and to prevent production halt due to malfunctioning.

This procedure is applied to all measuring equipment in the organization and equipment that the organization considers crucial for provision of conformant product or service.

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

2. Reference documents

- ISO 9001 standard, clause 7.1.5
- Procedure for Purchasing and Evaluation of Suppliers
- [other legal and contractual requirements]

3. Equipment maintenance

3.1. Identifying equipment

[Job title] forms and maintains the List of Equipment where all equipment is entered. All equipment must be permanently identified by its inventory number.

[HR Manager together with heads of departments] must define need for training of employees in order to ensure proper and effective handling of 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 Maintaining of Equipment. In line with the plan, [job title] creates an internal order for

3.2.2. Preventive maintenance

[Employees of maintenance department] conduct all activities regarding preventive maintenance according to the Plan for Preventive Maintaining of Equipment and their competence; activities that the organization can't perform are executed by an authorized service provider.

Records about every preventive maintenance activity is entered into the Plan for Preventive Maintaining of Equipment by [job title], who verifies that

Procedure for Equipment Maintenance and Measuring Equipment

ver. [version] from [date]

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Commented [9A5]: Adapt to organization's practice.

Commented [9A6]: Write in the method of identification of equipment and measuring equipment.

Commented [9A7]: Adapt to organization's practice.

Commented [9A8]: E.g. Maintenance Manager

Commented [9A9]: E.g. Maintenance Manager

Commented [9A10]: E.g. Purchasing Manager

Commented [9A11]: Adapt to organization's practice.

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[organization name]	
3.2.3. Repairing equipment	
Every employee who notices equipment malfunctioning is obliged to report it to [job title]. Repairs	
are	Commented [9A12]: E.g. Maintenance Manager or CEO
	Commented [9A13]: E.g. Maintenance Manager or CEO
3.3. Measuring equipment maintenance	
According to processes identified, the organization determines needs for monitoring and measuring equipment.	
Mantening market of activities of absorbing and aggression in a defined two partial	
The common of security and a security of the common of the	
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 [9A14]: Delete if all calibration activities are outsourced.
traceable to international or national standards; when no such standard exists, [job title] is responsible to document	outsourceu.
Tesponsible to document	
[Job title] enters data about performed calibration into the Maintenance and Calibration Record	Commented [9A15]: E.g. Maintenance Manager
according to a report from the authority that performed the calibration.	Commence [57,25]. E.g. maintenance manager
If it turns out that the measuring equipment is malfunctioning, [job title] must determine in which	
phase of the process the malfunction occurred, in order to eliminate potential consequences. In that	
3.3.2. Software validation	Commented [9A16]: Delete if not used by organization.
September 1	Secretarion used by organization.
Procedure for Equipment Maintenance ver. [version] from [date] Page 4 of 5	
and Measuring Equipment	
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[Job title] must validate software that is used for examinations, in order to ensure that software can respond to requests of measurement.

Commented [9A17]: One of the ways of validation of software is its validation on product whose characteristics are predetermined.

Commented [9A18]: For example, for protecting SCADA systems it is common to use

Commented [9A19]: E.g. Warehouse Manager

3.3.3. Measuring equipment storage

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

4. Managing records kept on the basis of this document

		Storage		
Record name	Code	Retention time	Location	Responsibility
	PR.13.1	2 years	[office of	
List of Equipment			Maintenance	[job title]
			Manager]	
	PR.13.2	2 years	[office of	[job title]
Plan for Preventive Maintenance of			Maintenance	
Equipment			Manager]	
	PR.13.3	2 years	[office of	
Maintenance and Calibration Record			Maintenance	[job title]
Wantenance and Campration Necord			Manager]	

Commented [9A20]: If the record is in electronic form, write the name of the folder on Maintenance Manager's computer.

Commented [9A21]: If the record is in electronic form, write the name of the folder on Maintenance Manager's computer.

Commented [9A22]: If the record is in electronic form, write the name of the folder on Maintenance Manager's computer.

5. Appendices

- Appendix 1 List of Equipment
- Appendix 2 Plan for Preventive Maintenance of Equipment
- Appendix 3 Maintenance and Calibration Record