



SLOVENSKI STANDARD
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**Navodila za postopke vgradnje in tolerance hidroelektričnih strojev - 6. del:
Vertikalne Peltonove turbine (IEC 63132-6:2023)**

Guidance for installation procedures and tolerances of hydroelectric machines - Part 6:
Vertical Pelton turbines (IEC 63132-6:2023)

Leitfaden für Installations-Prozeduren und -Toleranzen von hydroelektrischen Maschinen
- Teil 6 (IEC 63132-6:2023)

Lignes directrices des procédures et tolérances d'installation des machines
hydroélectriques - Partie 6: Turbines Pelton verticales (IEC 63132-6:2023)

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**Guidance for installation procedures and tolerances of
hydroelectric machines - Part 6: Vertical Pelton turbines
(IEC 63132-6:2023)**

Lignes directrices des procédures et tolérances
d'installation des machines hydroélectriques - Partie 6:
Turbines Pelton verticales
(IEC 63132-6:2023)

Leitfaden für Installations-Prozeduren und -Toleranzen von
hydroelektrischen Maschinen - Teil 6
(IEC 63132-6:2023)

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Europäisches Komitee für Elektrotechnische Normung

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EN IEC 63132-6:2023 (E)**European foreword**

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**Guidance for installation procedures and tolerances of hydroelectric machines –
Part 6: Vertical Pelton turbines**

**Lignes directrices des procédures et tolérances d'installation des machines
hydroélectriques –**

Partie 6: Turbines Pelton verticales

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CONTENTS

FOREWORD.....	4
1 Scope.....	6
2 Normative reference.....	6
3 Terms and definition.....	6
4 Installation flowchart.....	7
4.1 Turbine embedded parts.....	7
4.2 Turbine mechanical parts.....	8
5 Steps.....	9
5.1 Turbine embedded parts.....	9
5.1.1 Step 1: Benchmarks set-up.....	9
5.1.2 Step 2: Installation of turbine housing foundations and embedded pipes.....	9
5.1.3 Step 3: Turbine housing foundations embedment.....	10
5.1.4 Step 4: Turbine housing foundation and workspace verification.....	10
5.1.5 Step 5: Handing over to installation.....	10
5.1.6 Step 6: Installation of the turbine housing.....	10
5.1.7 Step 7: Handing over to concreting phase.....	12
5.1.8 Step 8: Distribution pipe foundations embedment.....	12
5.1.9 Step 9: Handing over to installation.....	12
5.1.10 Step 10: Installation of the distribution pipe.....	13
5.1.11 Step 11: Secondary embedded pipes installation around turbine housing and distribution pipe.....	14
5.1.12 Step 12: Distribution pipe pressurization and test.....	14
5.1.13 Step 13: Handing over to concreting phase.....	15
5.1.14 Step 14: Turbine housing and distribution pipe embedment.....	15
5.1.15 Step 15: Handing over to installation.....	16
5.1.16 Step 16: Turbine housing and distribution pipe dimensional inspection after embedment.....	16
5.1.17 Step 17: Installation of turbine housing cover.....	16
5.1.18 Step 18: Installation of guide bearing support bracket.....	17
5.1.19 Step 19: Handing over to concreting phase.....	18
5.1.20 Step 20: Embedment up to generator floor.....	18
5.1.21 Step 21: Handing over to installation.....	18
5.1.22 Step 22: Guide bearing support bracket dimensional inspection after embedment.....	19
5.1.23 Step 23: Corrosion protection for embedded parts.....	19
5.1.24 Step 24: Turbine embedded parts complete.....	19
5.1.25 Step 25: Turbine mechanical parts Installation.....	19
5.2 Turbine mechanical parts.....	19
5.2.1 Step 1: Turbine embedded parts complete.....	19
5.2.2 Step 2: Installation of turbine guide bearing housing.....	19
5.2.3 Step 3: Installation of turbine shaft.....	20
5.2.4 Step 4: Turbine shaft free.....	20
5.2.5 Step 5: Generator installation.....	21
5.2.6 Step 6: Unit alignment.....	21
5.2.7 Step 7: Turbine guide bearing assembly and adjustment.....	22
5.2.8 Step 8: Installation of rail system for turbine parts transportation.....	22
5.2.9 Step 9: Installation of nozzles.....	22

5.2.10	Step 10: Installation of deflector systems.....	23
5.2.11	Step 11: Installation of water guide shield.....	24
5.2.12	Step 12: Installation of turbine runner	24
5.2.13	Step 13: Remaining turbine parts installation completion	24
5.2.14	Step 14: Cleaning, painting and inspection before initial tests.....	25
5.2.15	Step 15: Turbine mechanical parts complete.....	25
5.2.16	Step 16: Commissioning	25
	Bibliography.....	26
	Figure 1 – Generic installation flowchart – Pelton turbine embedded parts.....	7
	Figure 2 – Generic installation flowchart – Pelton turbine mechanical parts	8
	Figure 3 – Turbine housing installation	11
	Figure 4 – Distribution pipe installation	13
	Figure 5 – Nozzles installation	23
	Table 1 – Turbine housing measurements.....	11
	Table 2 – Distribution pipe measurements	14
	Table 3 – Turbine housing cover measurements	17
	Table 4 – Guide bearing support bracket measurements.....	17
	Table 5 – Shaft measurements	20
	Table 6 – Unit alignment measurements	21
	Table 7 – Nozzles measurements	23

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**GUIDANCE FOR INSTALLATION PROCEDURES AND
TOLERANCES OF HYDROELECTRIC MACHINES –**
Part 6: Vertical Pelton turbines**FOREWORD**

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IEC 63132-6 has been prepared by IEC technical committee 4: Hydraulic turbines. It is an International Standard.

The text of this International Standard is based on the following documents:

Draft	Report on voting
4/457/FDIS	4/465/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts in the IEC 63132 series, published under the general title *Guidance for installation procedures and tolerances of hydroelectric machines*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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GUIDANCE FOR INSTALLATION PROCEDURES AND TOLERANCES OF HYDROELECTRIC MACHINES –

Part 6: Vertical Pelton turbines

1 Scope

The purpose of this document is to establish, in a general way, suitable procedures and tolerances for the installation of Pelton vertical turbines. This document presents a typical assembly and whenever the word "turbine" is used in this document, it refers to a vertical Pelton turbine. There are many possible ways to assemble a unit. The size of the machine, the design of the machine, the layout of the powerhouse or the delivery schedule of the components are some of the elements that could result in additional steps, or the elimination of some steps and/or assembly sequences.

It is understood that a publication of this type will be binding only if, and to the extent that, both contracting parties have agreed upon it.

The document excludes matters of purely commercial interest, except those inextricably bound up with the conduct of installation.

The tolerances in this document have been established upon best practices and experience, although it is recognized that other standards are specifying different tolerances.

Wherever the document specifies that documents, drawings or information are supplied by a manufacturer (or by manufacturers), each individual manufacturer will furnish the appropriate information for their own supply only.

2 Normative reference

There are no normative references in this document.

3 Terms and definition

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

4 Installation flowchart

4.1 Turbine embedded parts

Figure 1 shows a generic installation flowchart for Pelton turbine embedded parts.

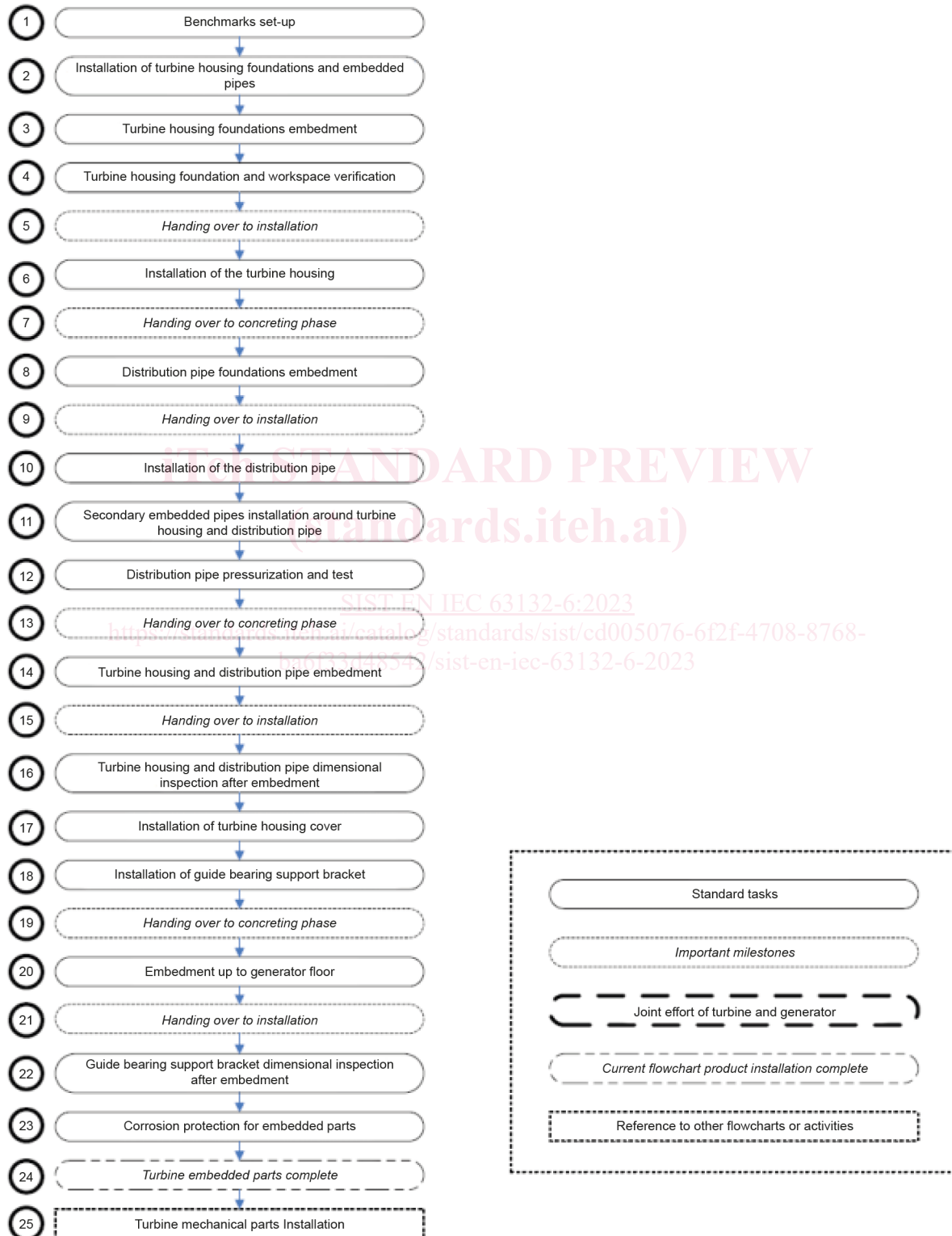
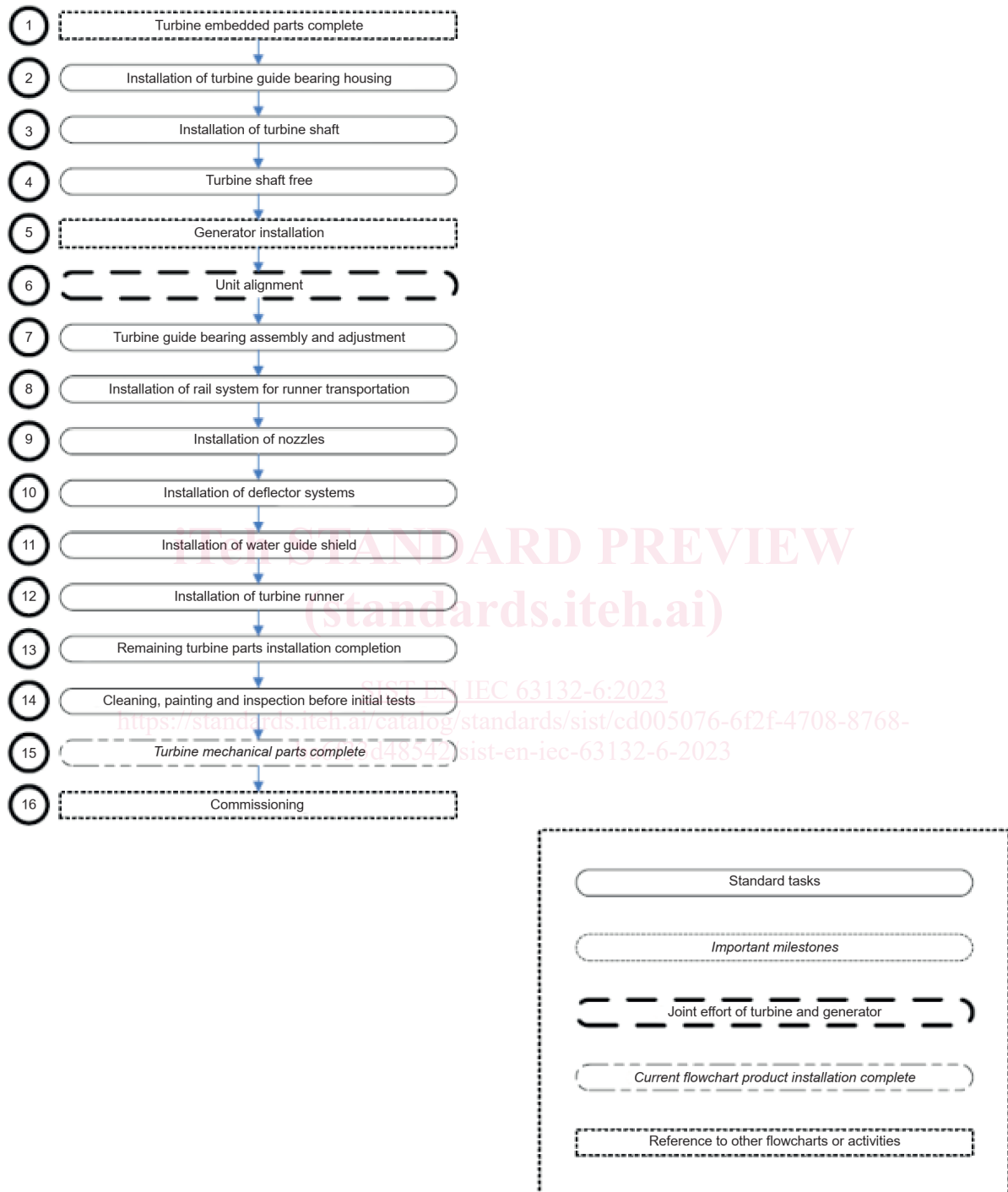


Figure 1 – Generic installation flowchart – Pelton turbine embedded parts

4.2 Turbine mechanical parts

Figure 2 shows generic installation flowchart for Pelton turbine mechanical parts.



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Figure 2 – Generic installation flowchart – Pelton turbine mechanical parts