

TECHNICAL NOTICE

FOR THE DOCUMENTS

ABM, KBM, TBM and TBV

Edition 3, 2025-05-01

The Swedish Nuclear Power Companies have jointly produced this document.
Any revision of this document must be approved by mutual consultation between the
companies.

Approved:

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Licensee administrators of the PAKT-documents

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LIST OF REVISIONS – TECHNICAL NOTICE

Edition	Reason for revision	Applicable pages	Date
1	New document	--	2018-01-23
2	Earlier changes to KBM and TBM are incorporated in respective document ed. 8. Additional changes to ABM.	Entire document See markings	2021-11-01
3	Additional changes to ABM, KBM, TBM and TBV	Entire document See markings	2025-05-01

1 INTRODUCTION

This technical notice constitutes the official addendum to the power plant common application documents ABM, KBM, TBM and TBV prepared by the Swedish licensee.

The technical notice constitutes a clarification, correction or change in the wording of the ordinary PAKT-document. The formulations will be processed in each PAKT-document upon future updates.

2 DECLARED CHANGES TO ABM EDITION 5

2.1 1.1 Introduction

TBY doesn't possess PAKT-status anymore and is to be considered as a technical guide.

2.2 1.3.2 Division into safety- and quality class

SSMFS 2008:17 have been changed to SSMFS 2021:4, this change also applies to Ch. 2.1.

2.3 2.4.2 Analysis of deficiencies

Analysis of deficiencies shall be reviewed by an accredited inspection body in quality class 4 inspection class C, which is now referred to as quality class 4 AFS class –.

2.4 2.4.5.1 Deficiencies in mechanical equipment which shall be reported to SSM

Quality class 4 inspection class A and B are now referred to as quality class 4 AFS class A and B.

2.5 4.4 Type inspection certificate

AFS 1994:4 shall be changed to AFS 2023:5.
AFS 1993:41 shall be changed to AFS 2023:6.

2.6 Appendix 4

SSMFS 2008:17 shall be changed to SSMFS 2008:13 in Appendix 4.

3 DECLARED CHANGES TO KBM EDITION 8

3.1 0.1 Background

AFS 2016:1 shall be changed to AFS 2023:5.
AFS 2016:2 shall be changed to AFS 2023:6.
AFS 2017:3 shall be changed to AFS 2023:11.
The above mentioned changes are valid on all places where they are mentioned in KBM.

3.2 1.4.3 Accreditation

AFS 2006:8 shall be changed to AFS2023:13.
This change is valid on all places where it's mentioned in KBM.

3.3 1.6.3 Requirements for qualification of welding procedure

First paragraph shall be supplemented with:
For qualification according to EN ISO 15614-1 shall level 2 be applied.

3.4 3.3.2.2 Design specifications

Third paragraph shall be rephrased to:
The design specifications shall have been subjected to a safety review according to chapter 4 §3 of SSMFS 2008:1 and the included design criteria shall be reported to SSM prior to applying the design specifications.

3.5 IP 206/3 Bolts and nuts “Standard”

In quality class 3 third paragraph shall the wording regarding pressure and temperature limitation be removed.
A new sentence shall be added that for applicable application areas see TBM Ch. 3.1.13.1.

3.6 EP 2-27 Radiographic testing for production of castings

ASME NC and ND are merged into ASME NCD.

4 DECLARED CHANGES TO TBM EDITION 8**4.1 1.1 Background**

AFS 2016:1 shall be changed to AFS 2023:5.
AFS 2016:2 shall be changed to AFS 2023:6.
AFS 2017:3 shall be changed to AFS 2023:11.
The above mentioned changes are valid on all places where they are mentioned in TBM.

4.2 2.2.3 Regulations and standards

SSMFS 2008:17 shall be changed to SSMFS 2021:4.
This change is valid on all places where it's mentioned in TBM.

4.3 2.5.6.1 Design limits

ASME NC and ND are merged into ASME NCD.
This change is valid on all places where it's mentioned in TBM.

4.4 3.1.13.1 Bolts, nuts and washers in pressure retaining joints

Second paragraph about strength class 8.8 respectively 8 are rephrased to:
At pressure up to and including 40 bar with temperature -10°C to 50°C are bolted connections in carbon steel with strength class 8.8 respectively 8 allowed if base material according to EN 10269 are selected. At pressure above 40 bar or temperature above 50°C shall alternative material according to EN 1515-4 table 3 be chosen, e.g. 1.7225 (42CrMo4).

Third paragraph regarding temperature for bolts in strength class 8.8 and nuts in strength class 8 shall be changed to -10°C to 50°C.

5 DECLARED CHANGES TO TBV EDITION 2**5.1 1.1 Introduction**

SSMFS 2008:17 shall be changed to SSMFS 2021:4.
This change is valid on all places where it's mentioned in TBV.

5.2 1.2 Regulations and other regulatory frameworks

AFS 2000:40 shall be changed to AFS 2023:7.
AFS 2009:02 shall be changed to AFS 2023:12.
AFS 2008:3 shall be changed to AFS 2023:4.
These changes are valid on all places where they are mentioned in TBV.

5.3 3.5 Filters

SSMFS 2008:15 shall be changed to SSMFS 2014:2.

5.4 4.1.2 Quality system

A copy of the Suppliers quality manual shall be removed.

5.5 4.2.5 CE-marking

Third paragraph shall be removed.

5.6 4.4.1 Designations for extent of inspection and supervision

Section is changed as follows:

- E Inspection and/or testing¹ to be carried out and documented in-house (even by external) on their own responsibility.²
 - L Testing to be carried out and documented by Accredited Laboratory.
 - T Inspection and/or testing to be carried out and documented by the manufacturer/purchaser. Manufacturers or purchasers requirements.
 - B Activity to be supervised, verified, reviewed and/or approved by the licensee/purchaser.
 - Q Independent review and inspection to be carried out and/or approved by the inspection organisation of the licensee.
- 1) Testing carried out in conjunction with manufacturing of material and shapes may be carried out as in-house inspection provided that the manufacturer possess and adheres to a quality system certified by an Accredited Notified Body according to KBM 1.8.3.
 - 2) Personnel performing work must not inspect and approve their own work. Personnel performing in-house inspection must have the necessary expertise.