

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:

Anders Magnusson FKA, Erik Lindén OKG and Fredrik Olvmark RAB

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.