



CAT Commissioning Assurance Template

Procedure for Commissioning OP2.2 / 2.3



TKT 28.9.2023

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This work has been carried out within the framework of the EUROfusion Consortium, funded by the European Union via the Euratom Research and Training Programme (Grant Agreement No 101052200 — EUROfusion). Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the European Commission can be held responsible for them.

CAT Procedure for Commissioning OP2.2 / 2.3

Overview

- Commissioning for OP2.2/2.3 starts End of January 2024. See Commissioning WBS: 9-JBA01-P0009 (ProjectServer: <https://projektplanung.ipp-hgw.mpg.de/pwa>)
- Creation, release and closure of CATs was always a cumbersome process in past OP. In previous OP many plants were late in creating, releasing and closing a CAT or in numerous cases did not even have a CAT.
- To allow for a better coordination and planning of commissioning activities it is required to improve this process.
- An internal note (Hausmitteilung) was created to describe the updated process. [2KKV4M](#)
- A new CAT template was created. [2AC234](#)

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Condensed overview of internal note (Hausmitteilung) :

- New CAT template created ([2AC234](#)). To be used for the base-CAT and for follow-up CAT
- base-CAT:
 - Mandatory CAT for all plants for each commissioning phase.
 - Has to contain all required steps to ensure both safe operation and a basic functionality of a plant.
 - **Release (Freigabe) of base-CAT required for plant to get allowance to start commissioning activities. Commissioning includes plasma commissioning (SO-I).**
 - **Closure (Abschluss) of base-CAT required to join scientific plasma operation (SO-II).**
- follow up-CAT:
 - Description of further steps required to achieve performance parameters for scientific operation.
 - Either continuation of base-CAT or separate CAT. PRO to decide.
- For operation/safety diagnostics (List O. Grulke uid: [2F65K5](#)) it is required to include all the steps for achieving performance parameters already in the base-CAT.
- This is also the case for technical systems (cryo-supply, vacuum systems, cooling circuits, power supplies, plasma heating etc..)
- E5-DEV/DO will monitor CAT process and provide a regular status report in CCG-meetings (weekly from early 2024).
- For future OP all plants have to create at least a base-CAT

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