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Mon-Mo-Po1.05-03 [56]: Fabrication Status of CFETR Central Solenoid Model Coil

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The Central Solenoid Model Coil (CSMC) project of CFETR that began in 2014 is devoted to develop and verify the manufacturing and testing technology of the large-scale superconducting magnet. The main manufacturing processes for the coil are verified by the mockup coil's fabrication. For now, the winding for the Nb₃Sn inner and outer coils are finished and preparing for its heat treatment, and the vacuum pressure impregnation for the NbTi middle coil is being done. This paper introduces the main manufacturing progress of the CFETR CSMC.

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