



EDMS # [Number]

MeChanICs – Marie Curie Linking Industry to CERN

Mid Term Review 27th and 28th of September 2012

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Engineering Design

- TD26 CC SiC: requirement specification, follow-up of the preliminary design, finalisation and optimisation

Fabrication

- Qualification disks: inspection and dimensional control
- Bonding/brazing: definition of qualification program, procurement of samples for brazing tests under H₂ atmosphere

FEA

- Simulation of different bonding/brazing configurations and comparison with test results

Assembly

- Assembly of the prototype module in a dedicated laboratory; definition of thermo-mechanical tests; realisation of tests; test result analysis