



NEW STORAGE LATENT AND SENSIBLE
CONCEPT FOR HIGH EFFICIENT CSP PLANTS



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ABSTRACT

Due to the importance of the usage of cementitious based materials in the industrial prototypes on NEWSOL project at Évora Molten Salt Platform (EMSP), it is very important guarantee the quality control of these materials at different stages (adjustment at industrial scale and supplying to site) on the final solution.

This report describes the design process (adjustment process at industrial level) required to adjust the concrete mixes (tank thermozone, module and foundations) to the industrial environment at EMSP, ensuring a standard application to be applied in regular commercialization.

It is defined the different tests to be done in the different materials used to build the tank and the module, as well the regular collection of the different samples and responsibility to perform the different tests.

For all materials used, materials certificates should be delivered by the corresponding supplier.