

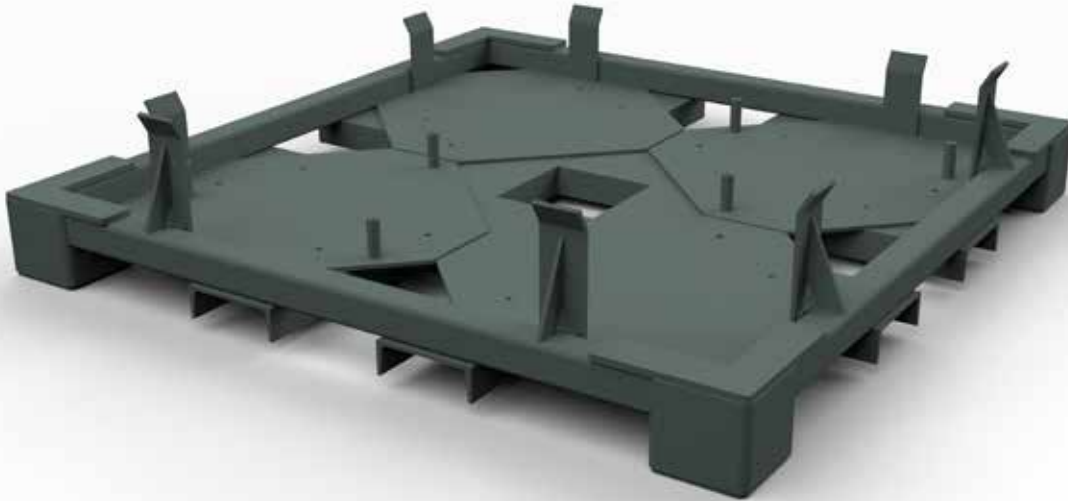


Decommissioning a nuclear plant is a lengthy process that requires a large quantity of equipment. To support decommissioning operations at Sellafield in Cumbria, ECS Engineering Services has fabricated two custom steel stillage pallets for a Tier 1 contractor providing equipment for the project.

The largest nuclear site in Europe, Sellafield is made up of multiple facilities, including old nuclear plants, spent fuel processing facilities and waste stores. Since its Thermal Oxide Reprocessing Plant (THORP) closed in 2021, work at Sellafield has primarily focused on the safe decommissioning of the site, which is expected to be completed by 2120. Such a challenging, long-term project requires a variety of high-quality equipment so that dismantling can be completed efficiently.

ECS fabricates custom steel stillage pallets for Sellafield nuclear site

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A Tier 1 delivery partner to the Sellafield decommissioning project approached ECS Engineering Services, a leading UK electromechanical services provider and fabrication specialist, to provide steel stillage pallets to Sellafield's specifications. The stillages needed to attain Sellafield standards for General Duty Fabrication of Plant & Equipment and meet CE Marking Execution Class 2 (EXC2) for steel fabrications as part of BS EN 1090.

"We are used to providing steel fabrications to landmark infrastructure projects, and we have a proven track record in meeting the demanding quality standards of the nuclear sector," explains Steve Crapper, Precontracts Director at ECS. "Our in-house fabrications department is extensive, featuring state-of-the-art equipment and experienced engineers, which allows us to deliver large quantities to a high quality standard quickly."

ECS is accredited to provide steel fabrications to EXC4, the highest consequence class. In addition, it is Fit4Nuclear qualified, demonstrating its ability to work within the

sector. The business has over 30 years of experience delivering fabrications to the water, construction and nuclear industries.

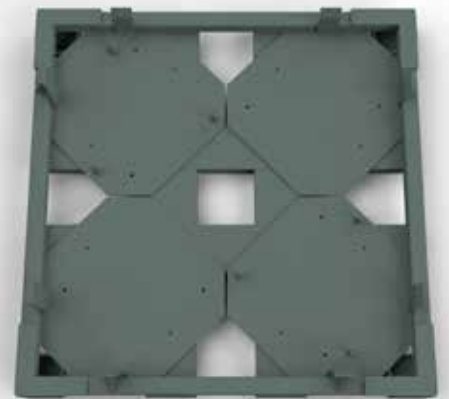
As well as these quality standards, ECS has built its fabrications facility to reduce lead times for customers. The close proximity of its design studios and fabrications workshop means efficient collaboration, which, matched with a large in-house capacity, allows even the most demanding orders and project deadlines to be achieved.

Recently, ECS has supplied duct cradles, waste containers, a tank and pump skid as well as a test rig structure to various nuclear sites in the UK. This experience, matched with its in-house capabilities, ensured that it was selected by the Tier 1 supplier to deliver the stillage pallets.

The two stillage pallets were manufactured exactly to detailed design drawings from Sellafield. ECS fabricated each 530 kg, 1900 mm square pallet from mild steel. Once the pallets were constructed, the welds were subjected to non-destructive magnetic particle inspections (MPIs) in-house. When complete, a final paint coat was applied, and the pallets

delivered to site with all lifetime quality record (LTQR) documentation present. The stillage pallets will allow materials from the Sellafield decommissioning project to be moved and stored with increased ease.

"We are excited to be supporting the decommissioning work at Sellafield. By providing quality fabrications, we make a small contribution to ensuring that this challenging project is carried out with increased efficiency," Steve concludes.



Engineering Services ■■

Water Control ■■ Site Services ■■
Environmental ■■ Fabrications ■■

