

Project details

Services /

Project Management
Principal Designer

Value /

£1m

Location /

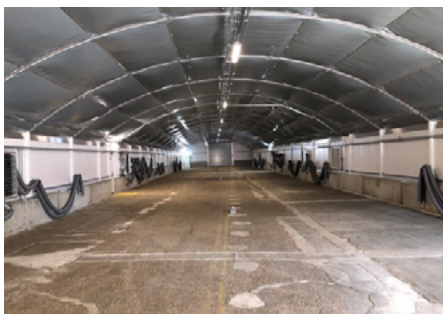
Dock Gate 4,
Southampton

Contract /



In response to the rapid expansion of Brown marmorated stink bug (BMSB) throughout Europe and North America, both Australia and New Zealand has strengthened the measures to manage the risk of BMSB from arriving into their respective countries. In response to this Wallenius Wilhelmsen Solutions UK commissioned the design and construction of a bespoke screening facility within Southampton Docks to remove any potential brown marmorated stink bugs from vehicles prior to exporting.

The project involved the construction of a prefabricated screening tunnel complete with bespoke screening plant to remove any risk of the BMSB during the high-risk season of September to May.



Key challenges/features

- / Bespoke design of internal screening plant to meet the exacting standards of both the Ministry for Primary Industries (New Zealand Biosecurity) and the Department of Agriculture nomenclature (Australian Biosecurity)
- / The project suffered a three-month project pause with the completion date remaining unchanged.
- / The sourcing of heat resilient fixtures, fittings, and containment to be installed within the heat treatment chamber capable of withstanding temperatures in excess of 60 degrees.
- / Delivery of the project knowing that the UK could be designated by either Australia or New Zealand as a country at 'Risk' in the event of the BMSB being found with immediate effect therefore the requirement to bring the facility online at an earliest opportunity.
- / Structured and considered commissioning period.
- / Involving extensive Client stakeholder liaison to ensure that all aspects of achieving 'operational readiness' for the heat chamber was achieved.
- / Working safely in accordance with Covid-19 limitations

Rekan scope

- / **Project Management** / Overall project coordination/management including consultant scopes/appointments, Client/User briefing, design management/coordination, programme/logistics/risk management, Client reporting, stakeholder management/ liaison.
- / **Principal Designer** / Development of Pre-Construction Information, H&S audits/reviews, design review/risk assessment, general H&S coordination/management in lead designer capacity, H&S file assembly.