

CASE STUDY

Tradebe Inutec



Package Testing – MOX Fuel Transport Package

The Customer Challenge

The customer required a programme of drop tests on two full size MOX fuel transport packages to demonstrate satisfactory performance under regulatory impact conditions and to validate analytical predictions.

The Inutec Solution

Inutec was able to provide a drop test programme consisting of five sequences of five sequences of drops. All drop sequences included a 9 m drop test and a 1 m punch test. Four of the five drop sequences were preceded by a 0.6 m conditioning drop test. Each drop sequence was combined with pre-drop metrology and package leak testing; data acquisition, video and high speed cine film recording, digital photography, damage inspection and metrology during the drop sequence; and post-drop metrology and package leak testing.

Value to Customers

The high quality test information provided by Inutec from the successful drop test programme demonstrated that the package remained intact and leak tight after testing. This allowed the customer to confirm the satisfactory performance of the package, without the need for an additional programme of testing, saving the customer a minimum of £150k.



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