

**Invitation to Tender**

***Testing of Household Dishwashers for compliance with Ecodesign and Energy Labelling legislation***

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**26/08/2015**

**Enforcement Authority**

# Introduction

The National Measurement & Regulation Office (NMRO) is the appointed market surveillance authority, responsible for enforcing the **Ecodesign for Energy Related Products** and **Energy Labelling** Regulations within the UK.

For more information, visit the NMRO website:

<https://www.gov.uk/government/collections/national-measurement-office-enforcement-authority>

The NMRO will carry out a market surveillance project to determine the current levels of compliance in the household dishwasher sector in line with the Ecodesign and Energy Labelling requirements.

Tenders are invited for testing according to the requirements detailed below.

# Requirements

To test a selection of household dishwashers to verify compliance with the following Regulations (and any amendments to these):

* EU No 1016/2010 (Ecodesign requirements for household dishwashers).
* EU No 1059/2010 (Energy labelling of household dishwashers).
* EC No 1275/2008 (Ecodesign requirements for standby and off mode, and networked standby, electric power consumption of electrical and electronic household and office equipment).

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:293:0031:0040:EN:PDF>

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:314:0001:0016:EN:PDF>

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:2008R1275:20130912:EN:PDF>

Testing shall include labelling requirements on airborne acoustical noise emissions.

The test methods applied should follow harmonised standards the reference numbers of which have been published in the Official Journal of the European Union, or other reliable, accurate and reproducible calculation and measurement methods, which take into account the generally recognised state of the art.

## Test Reports

In addition to any requirements/format described in relevant testing standards, the following, NMRO specific content shall apply:

* Test reports should be generated for each individual unit, in a form and format that is suitable for use in a UK court.
* The reports may be presented to persons with limited technical knowledge, so a clear and concise summary of the findings and the test results should be provided. Each report should therefore include a separate summary page containing the following data (for every regulation requirement tested):
	+ Test result
	+ Tolerances (if applicable)
	+ Statement of compliance/non-compliance with the requirements
* There shall be an additional separate report, collating the summary sheets from all the individual test reports. The data should be presented so as to allow easy comparison of results between the tested samples.

# Sample Details

A total of **ten** household dishwashers will be tested.

A definitive list of sample products may not be available before the deadline date for receipt of bids. If a difference in pricing is envisaged for any specific type of appliance (e.g. size, capacity, built-in model etc.), please state this in the quotation.

The cost of noise testing should be shown separately in the pricing schedule.

Following testing, if a product does not meet the requirements set out in the verification procedures of the Regulation, further testing may be required by the successful bidder, however this Invitation to tender is only seeking bids for the initial sample of **ten** products.

# Laboratory Competency

Accredited test labs would be preferred, but other reputable labs with suitable quality management systems would be accepted.

Please describe the test methods to be used in the response to this ITT.

Testing may be used as part of a criminal investigation. Therefore the supplier must confirm that they can fulfil the evidential traceability requirements laid out in ISO 17025 for supplying evidence that may be used as part of a prosecution.

Testing is planned to start week commencing Monday 5th October 2015 with completion by week ending Friday 27th November 2015. Suppliers not able to meet the completion date, should clearly state in the proposal a date by which the testing can be guaranteed to be completed. Test reports should be delivered to NMRO within one week of the testing completion date.