

286 Sussex Street Sydney
NSW 2000
Australia
TP: +61 2 8206 6000
TF: +61 2 8206 6001
www.standards.org.au

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- COMMITTEE EL/15 - Quality and Performance of Household Electrical Appliances
- SUBCOMMITTEE EL/15/4 - Dishwashers, Clothes Washers and Dryers
- REGISTRANTS OF A CURRENT CLOTHES WASHER ENERGY LABEL

APPROVED SOILED SWATCH BATCH INFORMATION SWATCH BATCH NORMALISATION PROCEDURE

This Notice is written on behalf of the regulatory authorities administering the Australian and New Zealand electrical appliance energy efficiency labelling schemes. Please be advised that when stocks of AS-9-001 Rolls A and B are exhausted, the subsequent batch to be used for all testing for registrations is:

AS-9-005 Roll A

This batch is available from the Centre for Testmaterials (CFT), Netherlands. www.cftbv.nl

The tristimulus values for unsoiled batch AS-9-005 roll A measured on 10 layers are given in the table below. An amendment to AS/NZS 2040.1 is being prepared to require that tristimulus readings be taken on the unsoiled cloth samples supplied by CFT with each order, using the same reflectometer that will be used for measuring soiled and washed swatches. Prior to the publication of the amendment, the values below should be used. Any significant differences between measured values and the values below may indicate a problem with a reflectometer and should be reported to the EL-015 projects manager.

AS-9-005 Roll A	X	Y	Z
A/2			
A/10			
D65/2			
D65/10	86.47	91.22	93.33

Note: The D65/2 readings were not available at the time this notice was written. They will be added to the to the normalisation data and posted to the Energyrating website early in the New Year. It has been suggested that "A" illuminant readings are no longer required. If members still require these readings please contact me.

CFT has reserved this batch for the exclusive use of laboratories testing machines for the Australian/New Zealand markets. Naturally, laboratories can also purchase other AS-9 batches for research and development testing etc, and are encouraged to do so to help preserve this

limited resource.

It should be noted that AS/NZS 2040.1 requires that soil removal results for the swatch batch used for testing be normalised with respect to a reference batch. Prior to 1 March 2003, regulatory authorities allowed results to be submitted without normalisation because calibration procedures were not available. **CALIBRATION PROCEDURES ARE NOW AVAILABLE AND REGULATORS NOW REQUIRE NORMALISATION OF SOIL REMOVAL RESULTS IN ACCORDANCE WITH AS/NZS 2040.1, FOR ALL APPLICATIONS FOR REGISTRATION FOR ENERGY LABELLING HOUSEHOLD CLOTHES WASHING MACHINES.**

Swatch normalisation information will be posted early in the New Year to the Energyrating website, <http://www.energyrating.gov.au/> under the heading Australian Standards, Supplementary Standards Data.

The Standards are being amended to require the following information to be added to the test report and label registration application form:

- swatch batch number and calibration details (normalised reference curve number);
- detergent manufacturer, manufacturing date and batch number (if stated); and
- reflectometer details (category, illuminant, standard observer angle, aperture size, optical geometry and tristimulus setting).

THE ABOVE INFORMATION IS TO BE INCLUDED IN THE TEST REPORT AND APPLICATION FOR REGISTRATION FORM.

Any queries regarding specifics of the energy efficiency labelling scheme should be directed to the applicable regulatory authority, contact details are available on <http://www.energyrating.gov.au/>.

Yours sincerely,

Colin Doyle

Projects Manager EL-015

Standards Australia

The National Standards Body

GPO Box 5420, Sydney NSW 2001, Australia

286 Sussex Street, Sydney NSW 2000 Australia

Tel: +61 2 8206 6752

Fax: +61 2 8206 6021

www.standards.org.au

colin.doyle@standards.org.au