**NOTTINGHAM TRENT STUDENTS UNION**

**Minimum Efficiency Specification List**

**Date Last Revised: 02/02/16**

**Reviewed By: Alan Williams**

**What is a Minimum Efficiency Specification List?**

A Minimum Efficiency Specification List (the List) outlines certain types and/or items of equipment that NTSU purchases and details various minimum standards of efficiency to which it must meet/adhere in order for it to be considered for purchase. These details will generally be based on environmental efficiency factors such as energy efficiency of equipment, fuel consumption of a product or the waste levels produced from a product.

NTSU understands that in order to purchase energy efficient products there is often a higher cost associated with that purchase, however, it also understands that the whole lifecycle costing of that product may be reduced despite the additional cost of purchase due to the cost savings of greater usage efficiency, and although NTSU may not pay all its utility bills directly, that this cost saving will subsequently be made by the University who will in turn appreciate these savings aiding good relations with our parent institution and sharing a mutual desire for energy efficiency and the benefits it brings.

**Is it Enforceable?**

Technically ‘no’ this List is not enforceable, it is not (yet) an adopted Policy which has been voted and/or ratified as an enforceable procedure; it does therefore rely on an element of trust that NTSU will pay due respect to this List wherever possible. The Senior Management of NTSU has acknowledged their support for the List and expressed their commitment to adhere to the specifications wherever possible, and preferably at all times.

There is scope for this List to be adopted as a Policy at a later date, and also to expand the product range within it.

**What’s on the List?**

The List should be continually reviewed and updated to ensure existing listings are still correct and relevant and also to see if any additional product categories could be added. The current categories are shown on the subsequent pages of this document.

**Minimum Efficiency Specification List for NTSU Product Category Listing**

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| **White Goods** |
| **Detail** | **Information** | **Minimum Specification** | **Award Specification** |
| EU Energy LabelEnergy Saving Trust ‘Recommended’ Logo | The EU energy label rates products from A, (the most efficient) to G (the least efficient). For refrigeration the EU energy label goes up to A++. By law, the label must be shown on all refrigeration appliances, electric tumble dryers, washing machines, washer dryers, dishwashers, electric ovens, air conditioners, lamps and light bulb packagingOnly the most energy efficient products will also carry the Energy Saving Recommended logo making it a quick and easy way for you to identify the most energy efficient products in the category | NTSU will not purchase any white goods that do not meet the EU Energy Label Grade AThis is *not* a Minimum Specification requirement | Where possible NTSU will purchase any white goods that meet the EU Energy Label Grade A++Where possible NTSU will purchase any white goods which are labelled with the Energy Saving Trust ‘Recommended’ logo |

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| **Televisions and Screens** |
| **Detail** | **Information** | **Minimum Specification** | **Award Specification** |
| Energy Consumption in ‘on’ modeEnergy Consumption in ‘stand-by’ modeEnergy Saving Trust ‘Recommended’ Logo | Provide ‘on’ mode level in terms of energy efficiency Watts per cm2 of screen area, independent of technologyAn amazing £1.7 billion a year could be saved by switching applicances off standyby (Energy Saving Trust Dec 2014)Only the most energy efficient products will also carry the Energy Saving Recommended logo making it a quick and easy way for you to identify the most energy efficient products in the category | Shall consume (0.0425W x S) + 22.9W or less in ‘on’ mode, where S is the screen area in cm2Shall consume 1.8W or less in passive standbyNone required | Shall consume (0.0341W x S) + 21.4W or less in ‘on’ mode, where S is screen area in cm2Shall consume 0.5W or less in standbyAny televisions purchased by NTSU, including CRT, LCD or plasma must be labelled with the Energy Saving Trust ‘Recommended’ Logo |

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| **Light Bulbs** |
| **Detail** | **Information** | **Minimum Specification** | **Award Specification** |
| Energy Saving BulbsLight Bulbs (Single Ended)Light Bulbs (Double Ended) | Energy saving light bulbs use up to 80 per cent less electricity than a standard bulb, but produce the same amount of lightPurchase of energy efficient Light-bulbs (single-ended) to reduce the amount of energy consumed throughout the life cyclePurchase of energy efficient Light-bulbs (double-ended) to reduce the amount of energy consumed throughout the life cycle | All pool tables must be fitted with energy saving bulbs (CFL)Compact fluorescent - Must have EU Energy Label class APin based - EU Energy Label class AMust have the ‘Long Life’ EU Energy Label class A | Wherever possible NTSU will fit T5 tubes instead of T8 tubesSame as minimum specification and complies with criteria of the Energy Saving Recommended SchemeSame as the minimum specification. T5 or T8 Triphosphor lamps |