

# **STATUS OF COMPULSORY SPECIFICATIONS**

## **30 MAY 2013**

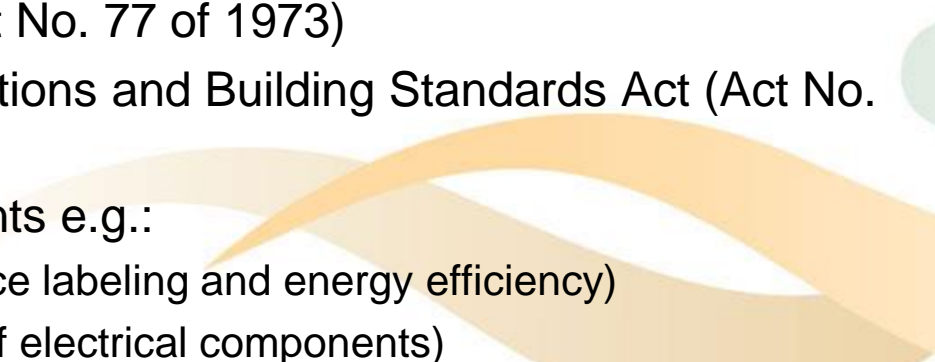
**LW JELE**  
**TECHNICAL SPECIALIST**  
**NRCS-RESEARCH AND DEVELOPMENT**

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# MANDATE OF THE NRCS

- NRCS- National Regulator for Compulsory Specification
  - The mandate of the NRCS is to administer and maintain compulsory specifications and technical regulations in the interest of public safety, health, environmental protection and fair trade.
  - The legal frameworks under which the NRCS performs its work on behalf of **the dti** are as follows:
    - The National Regulator for Compulsory Specifications Act (Act No. 5 of 2008)
    - Trade Metrology Act (Act No. 77 of 1973)
    - National Building Regulations and Building Standards Act (Act No. 103 of 1977)
  - Mandate from others Departments e.g.:
    - Department of Energy (appliance labeling and energy efficiency)
    - Department of Labour (safety of electrical components)
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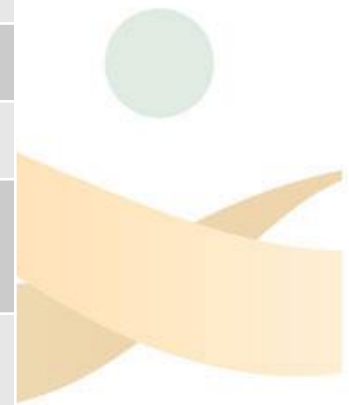
# CSP 350: Development and approval of technical regulations



# PROPOSED MEPS FOR VC 9008 (HOUSEHOLD APPLIANCES)

- **Summary of energy efficiency requirements**
  - **Make reference to SANS 941( Test Method & Label)**
  - **Power Factor shall be at least 0.85 (85%)**
  - **Passive Standby Power shall be less than or equal to 1 Watt**
  - **The Table below represent the recommended minimum energy performance standards (MEPS)**

<b>Appliance</b>	<b>FRIDGE Study MEPS Recommendations</b>	<b>MEPS (after NRCS consultation)</b>
Refrigerators	B	B
Freezers	C	C
Washing Machines	A	A
Tumble Dryers	C	D
Dishwashers	A	A
Large Ovens	A	B
Medium/Small Ovens	A	A
Air Conditioners/Heat Pumps	B	B
Audio & Visual	N/A	N/A



# STATUS OF COMPULSORY SPECIFICATION (VC 9008)

## Activities Completed:


- **Project proposal approved in May 2012**
- **1<sup>st</sup> stakeholder meeting 15 November 2012**
- **2<sup>nd</sup> stakeholder meeting 26 March 2013**
- **Proposed draft VC 9008 finalized on the 12 April 2013**

## Planned Activities:

- **Impact Assessment Report, to be submitted to NRCS PAC (project approval committee)- 10 June 2013**
- **Submission to the NRCS board for approval-14 July 2013**
- **Submission to the dti, for 1<sup>st</sup> publication- 30 September 2013**
- **Envisage the dti 1<sup>st</sup> publication –November/December 2013**
- **Comment review (if any)-March 2014**
- ***DoE/PSC(project steering committee) to decide on implementation date***
- **Submission to the dti for final gazetting- April 2014**
- **Final publication by the dti- May/June 2014**

# REGULATIONS FOR ELECTRICAL LAMPS

## ELECTRICAL LAMPS

1. **VC 9091**, *compulsory specification for single-capped fluorescent lamps*
    - **Promulgated and became effective in 2010**
    - Set **MEPS** for CFL (SANS 60969 & SANS 60901)
    - Set average life requirements of greater than **6000 hrs.**
  2. **VC 8043**, *compulsory specification for incandescent lamps*
    - Set MEPS for incandescent lamps
    - Set average life requirements of greater than **1000 hrs.**
    - Will phase out all inefficient incandescent
    - Submitted to **the dti** for first publication
    - Will be effective 6 months after final publication
- 


# REGULATIONS FOR WATERS HEATERS

## WATER HEATERS

### 1. **VC 9006**, *compulsory specification for water heater storage tanks*

- Makes reference to **SANS 151 (for MEPS & labeling requirements)**
- VC 9006 published for comments in **September 2013**
- Comments review meeting was held in **March 2013**
- To submit to **the dti** for final publication in **August 2013**
- VC 9006 will be effective 6 months after final publication.

### 2. **VC 9004**, *compulsory specification for solar water heaters*

- VC 9004 published for comments in **September 2013**
  - No comments received
  - To submit to **the dti** for final publication- **August 2013**
  - VC 9004 will be effective 6 months after final publication
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# ***Thank you!***

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