



SABS

ENERGY EFFICIENCY AND LABELING

SABS' READINESS TO TEST

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- SABS has DTI support for the upgrade of the laboratories
- SABS has a working relationship with NRCS to ensure that the upgrade project is aligned with the timelines for the regulations
- SABS is engaging with potential technology partners
- SABS will submit a training plan to the EE Project office for the training requirements for the Test Officers

- SABS Appliances laboratory is currently accredited for:
 - safety of electrical equipment and appliances,
 - safety and performance of hot water storage heaters
- SABS Lighting lab is accredited for safety and performance of energy saving lights
- SABS Set Top Box laboratory is operational for testing standby power of STB (accreditation in progress)

- Documentation and finalization of lab project plan
- Choose technology partner(s) – Laboratories that are already doing EE labeling testing to EN standards
- Procurement of test equipment
- Training of candidates with selected partner(s)
- Refurbishment of existing facilities where needed
- Installation of equipment and commissioning
- Accreditation

Extension of scope is needed for measurement of energy consumption according to the following standards:

- Air conditioners – SANS 14511-3/EN 14511-3:2007
- Audio and video equipment SANS 62087/IEC 62087:2008
- Dishwashers – SANS 50242/EN 50242/EN 60436:2008
- Electric ovens – SANS 50304/IEC 60350:2009
- Refrigerators and freezers – SANS 62552/IEC 62552:2007
- Tumble dryers – SANS 61121/IEC 61121 Ed 3.1:2005
- Washer-dryer combinations SANS 50229/EN 50229:2007
- Washing machines – SANS 60456/IEC 60456:2003

Thank You