

ANNEXURE A  
**SCHEDULE OF ACCREDITATION**

Facility Number: **T0146**

**Permanent Address of Laboratory:**

WCT (Pty) Ltd Trading as Test Africa  
Building 33, Room S166  
Scientia, CSIR, Meiring Naude Road  
Pretoria  
0002

**Technical Signatories:**

Mr AHJ de Winnaar (SANS 60335 & IEC 60335)  
Mr A de Winnaar (SANS 60335 & IEC 60335)  
Mr GH Holtzhausen (SANS 60950 & IEC 60950  
SANS 60065 & IEC 60065, SANS IEC 61010  
SANS 1795-0,1,2,3,4,5  
SANS 60669-1 & IEC 60669-1  
SANS 60669-2-1 & IEC 60669-2-1  
SANS 62368 & IEC 62368  
SANS 60669-2-2 & IEC 60669-2-2  
SANS 60335-2-76 & IEC 60335-2-76  
SANS 60335-2-82 & IEC 60335-2-82  
IEC 62040-1  
SANS 62040-1  
SANS 62031 & IEC 62031  
SANS 62301 & IEC 62301  
SANS 62103 & IEC 62103  
SANS 941  
SANS 60730-1 & IEC 60730-1  
SANS 60730-2-7 & IEC 60730-2-7  
SANS 60730-2-9 & IEC 60730-2-9  
SANS 60601-1 & IEC 60601-1  
(excluding clause 8.5.5, 9.6.2.1, 9.6.3, 10.1,  
10.2 and 10.4)  
SANS 60601-2-10 & IEC 60601-2-10  
SANS 60601-2-19 & IEC 60601-2-19  
SANS 60601-2-20 & IEC 60601-2-20  
SANS 60601-2-21 & IEC 60601-2-21  
SANS 62087:1,3-6 & IEC 62087:1.3-6  
Mr KJ Anderson (SANS 151)  
Mr LP Kuisis (SANS 60335 & IEC 60335  
SANS 62368 & IEC 62368  
SANS 60065 & IEC 60065)  
Mr SJ Maré (SANS 60335 & IEC 60335,  
SANS 941, SANS 62301 & IEC 62301  
SANS 60350-1 & IEC 60350-1)  
Mr S Maré (Jnr) (SANS 60335 & IEC 60335)  
Mr JP Olivier (SANS 60335 & IEC 60335)  
Mr E Botma (SANS 60335 & IEC 60335,  
SANS 941, SANS 62301 & IEC 62301  
SANS 60350-1 & IEC 60350-1)  
Mr LP Kuisis (jnr) (SANS 60065 & IEC 60065  
SANS 62368 & IEC 62368  
SANS 60950 & IEC 60950)  
Mr PJ Swanepoel (SANS 60335 & IEC 60335)

**Postal Address:**

PO Box 36335  
Menlo Park  
0102

**Tel:** (012) 349 1145

**Fax:** (012) 349 1249

**E-mail:** sarel@testafrica.co.za

**Nominated Representative:**

Mr SJ Maré

**Issue No.:** 30

**Date of Issue:** 20 April 2021

**Expiry Date:** 17 February 2025

| Materials / Products Tested | Type of Tests / Properties Measured, Range of Measurement | Standard Specifications, Techniques / Equipment Used |
|-----------------------------|-----------------------------------------------------------|------------------------------------------------------|
|-----------------------------|-----------------------------------------------------------|------------------------------------------------------|

Household appliances: e.g. Fridges, Electrical safety testing (HOUS)  
Stoves, Toasters, Irons,  
Dishwashers, Catering equipment

SANS 60335-1:2001  
SABS IEC 60335-1:1991 +A1 + A2  
SANS 60335-1:2018 Ed 3.2  
IEC 60335-1:2016 Ed 5.2  
Exclusion Annex R  
  
SANS 60335-2-3: 2018 Ed 4.2  
IEC 60335-2-3: 2016 Ed 6.2  
  
SANS 60335-2-2:2018 Ed.4.2  
IEC 60335-2-2:2016 Ed.6.2  
  
IEC 60335-2-4:2012 Ed.6.1  
SANS 60335-2-4:2013 Ed.3.1  
  
SANS 60335-2-5:2014 Ed.3  
IEC 60335-2-5:2012 Ed.6  
  
SANS 60335-2-6:2020 Ed.4.1  
IEC 60335-2-6:2018 Ed.6.1  
  
SANS 60335-2-7:2017 Ed.5.2  
IEC 60335-2-7:2016 Ed.7.2  
  
SANS 60335-2-8: 2013 Ed.3  
IEC 60335-2-8:2012 Ed.6  
  
SANS 60335-2-9:2020 Ed.5  
IEC 60335-2-9: 2019 Ed.7  
  
IEC 60335-2-10:2008 Ed.5.1  
SANS 60335-2-10:2009 Ed.2.1  
  
SANS 60335-2-11:2014 Ed.4.1  
IEC 60335-2-11:2012 Ed.7.1  
  
IEC 60335-2-12:2017 Ed.5.2  
SANS 60335-2-12: 2019 Ed.2.2  
  
SANS 60335-2-13: 2017 Ed.3.1  
IEC 60335-2-13:2016 Ed 6.1  
  
SANS 60335-2-14:2018 Ed.5  
IEC 60335-2-14 :2016 Ed.6  
  
SANS 60335-2-15:2018 Ed.4.1  
SANS 60335-2-15:2016 Ed 6.1  
  
SANS 60335-2-16:2014 Ed 3.2  
IEC 60335-2-16:2012 Ed.5.2  
  
SANS 60335-2-21:2000

SANS 60335-2-23: 2019 Ed.4  
IEC 60335-2-23:2016 Ed.6  
  
IEC 60335-2-24:2012 Ed.7.1  
SANS 60335-2-24:2014 Ed.5.1  
(Excl 21.101 & 22.108)  
  
SANS 60335-2-25:2015 Ed.4.1  
IEC 60335-2-25:2014 Ed.6.1  
  
SANS 60335-2-26:2009 Ed.3.1  
  
SANS 60335-2-27:2016 Ed.4.2  
IEC 60335-2-27:2015 Ed.5.2  
(Excl.32.101)  
  
IEC 60335-2-28:2008 Ed.4.1  
SANS 60335-2-28:2009 Ed.3.1  
  
IEC 60335-2-29:2010 Ed.4.2  
SANS 60335-2-29:2010 Ed.3.2  
  
SANS 60335-2-30: 2018 Ed 4.1  
IEC 60335-2-30:2016 Ed.5.1  
(Excl Clause 21.105)  
  
IEC 60335-2-31:2012 Ed.5  
SANS 60335-2-31:2014 Ed.4  
  
SANS 60335-2-32:2014 Ed.3.2  
IEC 60335-2-32:2013 Ed.4.2  
  
SANS 60335-2-34:2013 Ed.5  
IEC 60335-2-34:2012 Ed.5  
  
SANS 60335-2-35:2015 Ed.4  
IEC 60335-2-35:2012 Ed.5  
  
IEC 60335-2-36:2008 Ed.5.2  
SANS 60335-2-36:2010 Ed.4.2  
  
SANS 60335-2-37:2014 Ed.3.2  
IEC 60335-2-37:2011 Ed.5.2  
  
SANS 60335-2-38:2009 Ed.4.1  
IEC 60335-2-38:2008 Ed.5.1  
  
IEC 60335-2-39:2012 Ed.6  
SANS 60335-2-39:2013 Ed.5  
  
SANS 60335-2-40:2015 Ed.4  
IEC 60335-2-40:2013 Ed.5  
  
SANS 60335-2-41:2015 Ed.4  
IEC 60335-2-41:2012 Ed.4  
  
IEC 60335-2-42:2009 Ed.5.1  
SANS 60335-2-42:2010 Ed.4.1  
  
IEC 60335-2-43:2008 Ed.3.2  
SANS 60335-2-43:2009 Ed.3.2  
  
SANS 60335-2-44:2014 Ed.3.2  
IEC 60335-2-44:2012 Ed.3.2  
  
IEC 60335-2-45:2012 Ed.3.2  
SANS 60335-2-45:2014 Ed.3.2  
  
IEC 60335-2-47:2008 Ed.4.1  
SANS 60335-2-47:2009 Ed.4.1  
  
IEC 60335-2-48:2008 Ed.4.1  
SANS 60335-2-48:2009 Ed.4.1

IEC 60335-2-49:2008 Ed.4.1  
SANS 60335-2-49:2009 Ed.4.1  
IEC 60335-2-50:2008 Ed.4.1  
SANS 60335-2-50:2008 Ed.4.1  
SANS 60335-2-51:2020 Ed.4  
IEC 60335-2-51:2019 Ed.4  
IEC 60335-2-52:2008 Ed.3.1  
SANS 60335-2-52:2009 Ed.3.1  
IEC 60335-2-53:2011 Ed.4  
SANS 60335-2-53:2012 Ed.4  
SANS 60335-2-54: 2016 Ed 4.1  
IEC 60335-2-54: 2015 Ed 6.1  
IEC 60335-2-54:2008 Ed4  
SANS 60335-2-54:2009 Ed4  
IEC 60335-2-55:2008 Ed.3.1  
SANS 60335-2-55:2009 Ed.3.1  
SANS 60335-2-56:2015 Ed.3.2  
IEC 60335-2-56:2014 Ed.3.2  
SANS 60335-2-58:2016 Ed.3.2  
IEC 60335-2-58:2015 Ed 3.2 (Excl.  
Annex bb, cc)  
SANS 60335-2-59:2013 Ed.3.2  
IEC 60335-59:2009 Ed.3.2  
IEC 60335-2-60:2008 Ed.3.2  
SANS 60335-2-60:2009 Ed.3.2  
SANS 60335-2-61: 2010 Ed 2.2  
IEC 60335-2-61: 2009 Ed 2.2  
IEC 60335-2-62:2008 Ed.3.1  
SANS 60335-2-62:2008 Ed.3.1  
IEC 60335-2-64:2008 Ed.3.1  
SANS 60335-2-64:2008 Ed.3.1  
SANS 60335-2-65:2015 Ed.2.2(  
Excl.32)  
IEC 60335-2-65:2015 Ed.2.2(  
Excl.32)  
SANS 60335-2-66-2014 Ed.2.2  
IEC 60335-2-66-2012 Ed.2.2  
SANS 60335-2-67: 2016 Ed 4.1  
IEC 60335-2-67: 2016 Ed 4.1  
(Excluding Annex CC & DD)  
SANS 60335-2-68: 2016 Ed 4.1  
IEC 60335-2-68: 2016 Ed 4.1  
(Excluding Annex AA & BB)  
SANS 60335-2-71:2014 Ed.2.2  
IEC 60335-2-71:2012 Ed.2.2  
SANS 60335-2-74:2014 Ed.2.2  
SANS 60335-2-74:2013 Ed.3  
SANS 60335-2-75: 2016 Ed 3.1  
IEC 60335-2-75: 2015 Ed 3.  
SANS 60335-2-76:2006 Ed.2.1



IEC 60335-2-76:2018 Ed.3  
 IEC 60335-2-78:2008 Ed2.1  
 SANS 60335-2-78:2009 Ed.2.1  
 SANS 60335-2-79:2014 Ed.3  
 IEC 60335-2-79:2012 Ed.3  
 SANS 60335-2-80:2016 Ed.3  
 IEC 60335-2-80:2015 Ed.3  
 SANS 60335-2-81:2016 Ed.3  
 IEC 60335-2-81:2015 Ed.3  
 SANS 60335-2-82:2015 Ed.2.2  
 IEC 60335-2-82:2015 Ed.2.2  
 SANS 60335-2-84:2014 Ed.2.2  
 IEC 60335-2-84:2013 Ed.2.2  
 SANS 60335-2-85:2009 Ed.2.1  
 IEC 60335-2-85:2008 Ed.2.1  
 SANS 60335-2-86:2020 Ed.3  
 IEC 60335-2-86:2018 Ed.3  
 IEC 60335-2-87:2012 Ed.2.2  
 SANS 60335-2-87:2013 Ed.2.2  
 SANS 60335-2-89:2020 Ed.3  
 IEC 60335-2-89:2019 Ed.3  
 (Exclusions 21.103; 22.108;  
 22.110;22.116; 22.117; 22.118;  
 22.119; 22.120; 22.121 and Annex  
 CC)  
 SANS 60335-2-90:2015 Ed.3.2  
 IEC 60335-2-90:2014 Ed.3.2  
 SANS 60335-2-95:2015  
 IEC 60335-2-95:2015  
 SANS 60335-2-97:2009  
 IEC 60335-2-97:2009  
 IEC 60335-2-98:2008 Ed.2.2  
 SANS 60335-2-98:2010 Ed 2.2  
 SANS 60335-2-99:2003 Ed.1  
 IEC 60335-2-99:2003 Ed.1  
 SANS 60335-2-101:2016 Ed.1.2  
 IEC 60335-2-101:2014 Ed.1.2  
 SANS 60335-2-102:2014 Ed.1.2  
 IEC 60335-2-102:2012 Ed.1.2  
 SANS 60335-02-103:2006  
 IEC 60335-2-103:2015  
 SANS 60335-2-109:2014 Ed.1.1  
 IEC 60335-2-109:2013 Ed.1.1  
 (Excluding clauses:32.101 &  
 32.102)  
 SANS 1795-0:2007 ( Excluding  
 clauses: 5.5, 5.6, 7.2, 8.4, 10.3,  
 10.4, 10.5, 10.6, 10.7,10.8)  
 SANS 1795-1:2007  
 SANS 1795-2:2007  
 SANS 1795-3:2007  
 SANS 1795-4:2007

Road traffic law enforcement  
 system

Electronic safety testing

|                                                                                       |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Information Technology equipment and Audio video equipment                            | Electronic safety testing ( ITAV)                        | SANS 1795-5:2007<br>SANS 62368-1:2020 Ed 2<br>IEC 62368-1:2018 Ed 3<br>Exclusion clauses; 5.4.1.10.2;<br>5..4.4.6.5; Annex R (5.6.4.1;<br>Clause except human exposure to<br>UV radiation (Annex C))<br>Annex G (5.3.4 Clauses<br>5.5.3/6.4.5.1/6.4.6 only fully<br>insulated wire;<br>Annex G7- Clause 6.4.6;<br>Annex G9-Annex B.4.2/Q.1.1;<br>Annex G15-clause 4.1.8<br>Clause 5.4.12.4;<br>Clause 4.1.4; Y3.3; Y4.3;Y4.4;Y4.5<br>Annex S3.2 |
| Information Technology Equipment e.g. fax machines, modems, printers, gaming machines | Electronic safety testing (OFF)                          | SANS 60950-1:2014 Ed.2.2<br>IEC 60950-1:2013 Ed 2.2<br>(Excl.cl.4.3.12 & 4.3.13)                                                                                                                                                                                                                                                                                                                                                                |
| Audio-visual equipment                                                                | Electronic safety testing (TRON)                         | SANS 60065:2015 Ed4<br>IEC 60065:2014 Ed8 (Excluding<br>clause 6.1, 6.2, 7.2 &18)                                                                                                                                                                                                                                                                                                                                                               |
| Hot storage water heaters                                                             | Performance testing(PER)                                 | SANS 151:2020 Ed 8.2<br>(Exclusions clauses 4.6; 5.2; 5.3.3)                                                                                                                                                                                                                                                                                                                                                                                    |
| Electric ovens                                                                        | Energy efficiency                                        | SANS 60350-1:2016<br>IEC 60350-1:2011 ( Excluding<br>clauses 7.5 to 11)                                                                                                                                                                                                                                                                                                                                                                         |
| Electrical equipment: e.g. Measurement control and laboratory use                     | Electrical safety testing (MEAS)                         | SANS 61010-1:2011-Ed 3<br>(Excluding<br>12.2.1,12.3,12.5,12.6,13.2.3)<br>IEC 61010-1:2010-Ed 3                                                                                                                                                                                                                                                                                                                                                  |
| Electrical equipment                                                                  | Safety of machinery<br>Uninterruptible power system(UPS) | IEC 62040-1:2005                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Switches for household and similar fixed electrical installations                     | Safety testing                                           | SANS 60669-1:2017<br>EC 60669-1:2017<br>SANS 60669-2-1:2015 & IEC<br>60669-2-1:2015<br>SANS 60669-2-2:2007 & IEC<br>60669-2-2:2006<br><br>SANS 62103:2005 Ed 1<br>IEC 62103: 2003 Ed 1 Excluding<br>clauses: 9.4.3.2 ; 9.4.6.1 & 6.3.6.2;<br>9.4.6.2 and 6.3.5                                                                                                                                                                                  |
| Luminaires components                                                                 | Safety testing (LITE)                                    | SANS 62031: 2008 Ed 1<br>IEC 62031: 2008 Ed1<br>Exclusion clauses 5.5; 13(High<br>Frequency<br>Spark Generator Test)                                                                                                                                                                                                                                                                                                                            |
| Components (Temperature controllers)                                                  | Performance testing (PER)                                | SANS 60730-1:2016<br>IEC 60730-1:2013<br>SANS 60730-2-7:2008 & IEC<br>60730-2-7:2008<br>SANS 60730-2-9:2013 & IEC                                                                                                                                                                                                                                                                                                                               |

|                                     |                                                                                       |                                                                                                                                                                                                                               |
|-------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     |                                                                                       | 60730-2-9:2011                                                                                                                                                                                                                |
| Electrical and electronic Apparatus | Energy efficiency ( Only Standby Power)                                               | SANS 941:2014<br>SANS 62301:2012<br>IEC 62301:2011                                                                                                                                                                            |
|                                     | Audio, Video and related equipment-Determination of power consumption, Part 1-General | SANS 62087:2010<br>IEC 62087:2008<br>SANS 62087-1:2017<br>IEC 62087-1:2015                                                                                                                                                    |
|                                     | Part 3- Television sets                                                               | SANS 62087-3:2015<br>IEC 62087-3:2015                                                                                                                                                                                         |
|                                     | Part 4- Video recording equipment                                                     | SANS 62087-4:2018                                                                                                                                                                                                             |
|                                     | Part 5- set top boxes (STB)                                                           | IEC 62087-4:2015<br>SANS 62087-5:2017                                                                                                                                                                                         |
|                                     | Part 6- Audio equipment                                                               | IEC 62087-5:2015<br>SANS 620087-6:2018<br>IEC 62087-6:2015                                                                                                                                                                    |
| Medical Equipment                   | Safety and Essential Performance                                                      | SANS 60601-1:2013<br>IEC 60601-1:2012<br>SANS 60601-2-10:2011 & IEC 60601-2-10:1987<br>SANS 60601-2-19:2016 & IEC 60601-2-19:2016<br>SANS 60601-2-20:2016 & IEC 60601-2-20:2016<br>SANS 60601-2-21:2016 & IEC 60601-2-21:2016 |

Original Date of Accreditation: 01 June 2001

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\_\_\_\_\_  
Accreditation Manager