

**SABS CERTIFICATION PROCESS
PRESENTED BY: CHARLES SIBIYA
DATE: 30 August 2023**



- ❑ SABS Commercial is accredited (SANS 17065) by South African National Accreditation System (**SANAS**) for the provision of product certification
- ❑ Product certification scheme for confirmation of conformance to **South African National Standards (SANS)**.
- ❑ **CLEANING CHEMICALS AND DISINFECTANTS FOR USE IN THE FOOD INDUSTRY**
 - SANS 1828: 2023 Cleaning chemicals for use in the food industry
 - SANS 1853:2020 “Disinfectants, detergent-disinfectants and antiseptics for use in the food industry”
- ❑ Other SANS for products safe for use in the food industry:
 - SANS 1829:2019 “Lubricants for use in the food industry”
 - SANS 1827:2017 “The safety of water treatment chemicals for use in the food industry”

Disinfectants, detergent-disinfectants and antiseptics for use in the food industry

1 Scope

This standard specifies general requirements for disinfectants, detergent-disinfectants including antiseptics (i.e. anti-bacterial hand soap and cleaners) intended for use in the food industry. The standard sets minimum requirements for the safety of disinfectants, detergent-disinfectants and antiseptics that are intended for use in the food processing industry and might come into contact with food, beverage and dairy products.

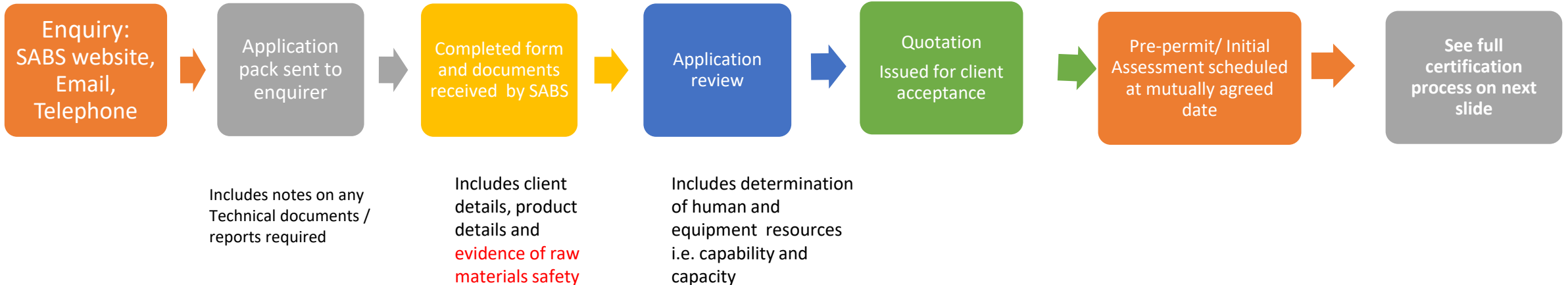
Cleaning chemicals for use in the food industry

1 Scope

1.1 This standard specifies general requirements for cleaning chemicals intended for use in the food industry. It also sets minimum requirements for the safety of such cleaning chemicals, which are intended for use in the food-processing industry and that might come into contact with food products.

1.2 The standard does not set cleaning performance standards. The user is urged to verify, by conducting suitable trials or tests either in the food-processing plant or in the laboratory, that the cleaning chemicals are suitable for the proposed application. Alternatively, proven compliance with an appropriate national standard should be requested.

1.3 The standard does not cover products that are used for the cleaning of toilets, bathrooms, offices and all supportive environments to the food-processing environment.



4.1 Product requirements

4.1.1 Raw materials

4.1.1.1 Raw materials used in the formulation of the cleaning chemicals shall be such as to be suitable for use in a food-processing industry. Products shall not contain ingredients that are recognized as being potentially hazardous or toxic when the products are used in accordance with the manufacturer's recommendations, nor shall they form toxic or potentially toxic reaction products. The safety of raw materials shall be assessed and established in accordance with 7.1.

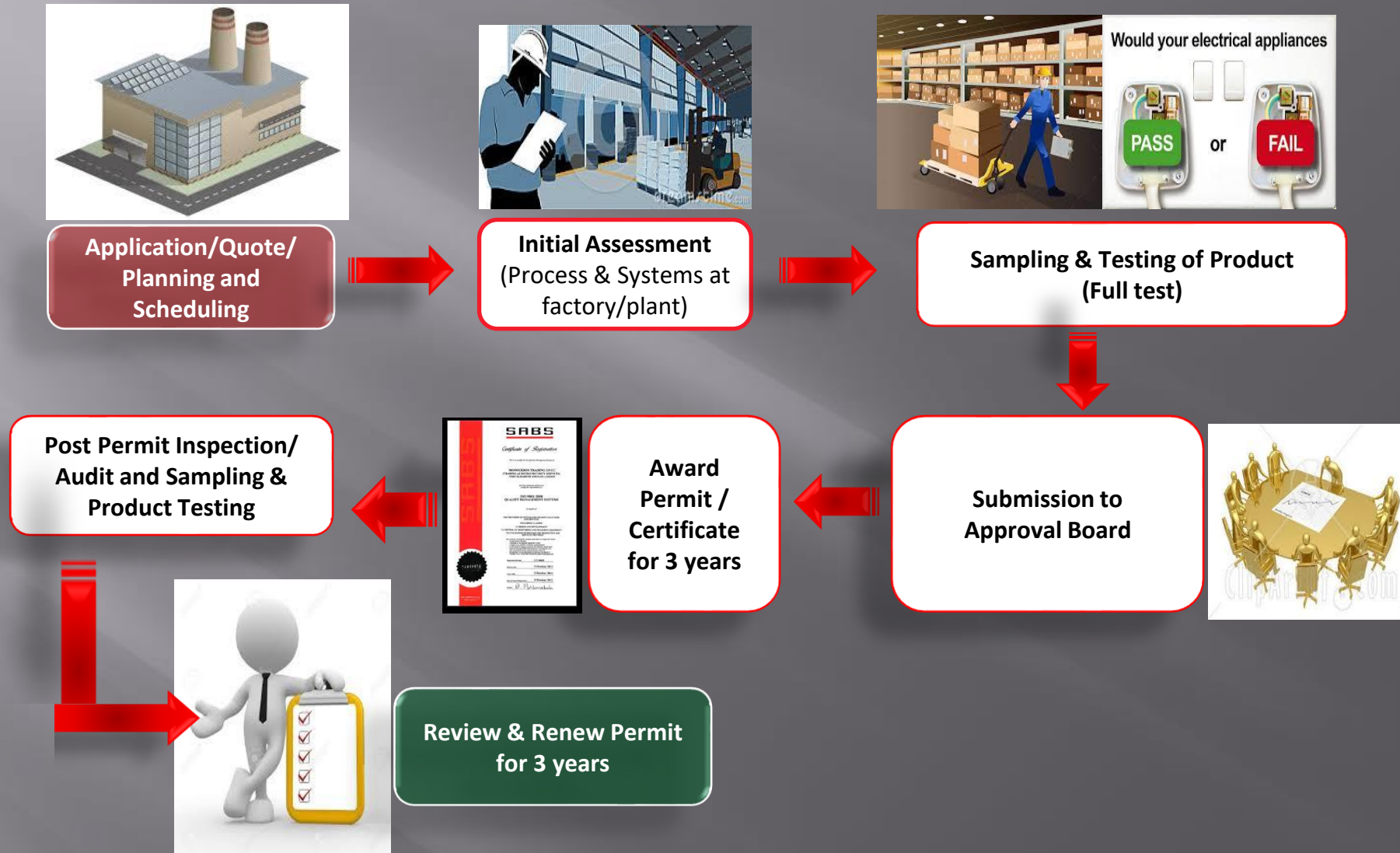
4.1.1.2 Materials known to leave residues, in concentrations that might be harmful to human beings or animals, on inanimate surfaces shall not be used in the formulation of the cleaning chemicals and materials and shall not be used in combinations that yield reaction products known to leave such harmful residues.

4.1.2 Perfumes and colorants

Cleaning chemicals shall not contain perfumes.

NOTE Cleaning chemicals should not leave an objectionable odour, nor impart any colour, odour or flavour to food products, when they are used in accordance with the manufacturer's recommendations.

SABS Product Certification Process



SAFETY OF RAW MATERIALS – SANS 1853

6 Assessment of compliance with this standard

6.1 Safety of raw materials

The manufacturer of the disinfectants, detergent-disinfectants and antiseptics shall make available to the certification body, or to the customer, sufficient evidence to establish the safety of all raw materials used in the formulation of these products, and the freedom of the raw materials from contaminants or trace components in quantities that could prove harmful to human beings or leave toxic residues on food or food processing equipment, when the products are used in accordance with the manufacturer's recommendations. Evidence to this effect shall include one or more of the following:

Amdt 1

- a) certification by a recognized authority;
- b) material safety data sheets in accordance with SANS 11014;
- c) certificates of analysis;
- d) any other relevant information; or
- e) a formulation assessment report as given in SANS 10234.

SAFETY OF RAW MATERIALS – SANS 1828

7 Assessment of compliance with this standard

7.1 Safety of raw materials

7.1.1 The manufacturer of the cleaning chemicals shall make available to the certification body, or to the customer, as required, sufficient evidence to establish the safety of all raw materials used in the formulation of these products, and their freedom from contaminants or trace components in quantities that can prove harmful to human beings or leave toxic residues on food or food-processing equipment.

7.1.2 Evidence to this effect shall include one or more of the following:

- a) certification by an approved authority;
- b) material safety data sheets in accordance with SANS 11014;
- c) certificates of analysis;
- d) any other relevant information; or
- e) a formulation assessment report as given in SANS 10234.

Amdt 1

- Formulation assessment (pre-requisite)

- All tests required by the standard (SANS 1828 / SANS 1853)

- Assessment of Labelling and Markings

SANS 1853 - TEST METHODS AND MANDATORY REFERENCES



Normative References

SANS 1780, Bactericidal efficacy of peroxide and peracetic acid based products for general use. **Amdt1**

SANS 10229-1, *Transport of dangerous goods – Packaging and large packaging for road and rail transport – Part 1: Packaging.*

SANS 10234, *Globally Harmonized System of classification and labelling of chemicals (GHS).*

SANS 11014/ISO 11014, *Safety data sheet for chemical products – Content and order of sections.*

SANS 51276/EN 1276, *Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic, and institutional areas – Test method and requirements (phase 2, step 1).* **Amdt 1**

NOTE:

SANS 1780 and 51276 are test methods

Products cannot be certified against test methods



2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. Information on currently valid national and international standards can be obtained from the South African Bureau of Standards.

EN 10088-2, *Stainless steels – Part 2: Technical delivery conditions for sheet/plate and strip of corrosion testing steels for general purposes.*

SANS 10228, *The identification and classification of dangerous goods for transport by road and rail modes.*

SANS 10229-1, *Transport of dangerous goods – Packagings, large packagings and intermediate bulk containers (IBCs) for road and rail transport – Part 1: Packaging.*

SANS 10234, *Globally Harmonized System of classification and labelling of chemicals (GHS).*
Amdt 1

SANS 11014/ISO 11014, *Safety data sheet for chemical products – Content and order of sections.*

SABS Test Report

VS

SABS Certificate



TEST REPORT

- Conformity Assessment relating to a **SAMPLE** of the product
- Outcome relates **ONLY** to the tested product **SAMPLE**
- Results **DO NOT** imply SABS Approval
- Results **DO NOT** apply to any similar samples that have **NOT** been tested
- See conditions of test on the back of SABS Test Report

The test work relating to this report was performed by SABS Commercial SOC Ltd. This report and its test results relate only to the specific sample(s) identified herein.

They do not imply SABS approval of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has been tested. This report may not be reproduced except in full.

The authenticity of this report and its contents can be confirmed by contacting the person who signed it.



SABS PERMIT / CERTIFICATE

- Your product **must** fall within a SABS/SANS national specification
- The product is then **fully tested** to the specification
- Your quality system is assessed to **ISO 9000** or specific permit conditions
- **If the product and quality system comply with the requirements, a permit to apply the mark is issued**
- Certified companies are audited regularly to ensure continued compliance, in accordance with the General Permit Conditions

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