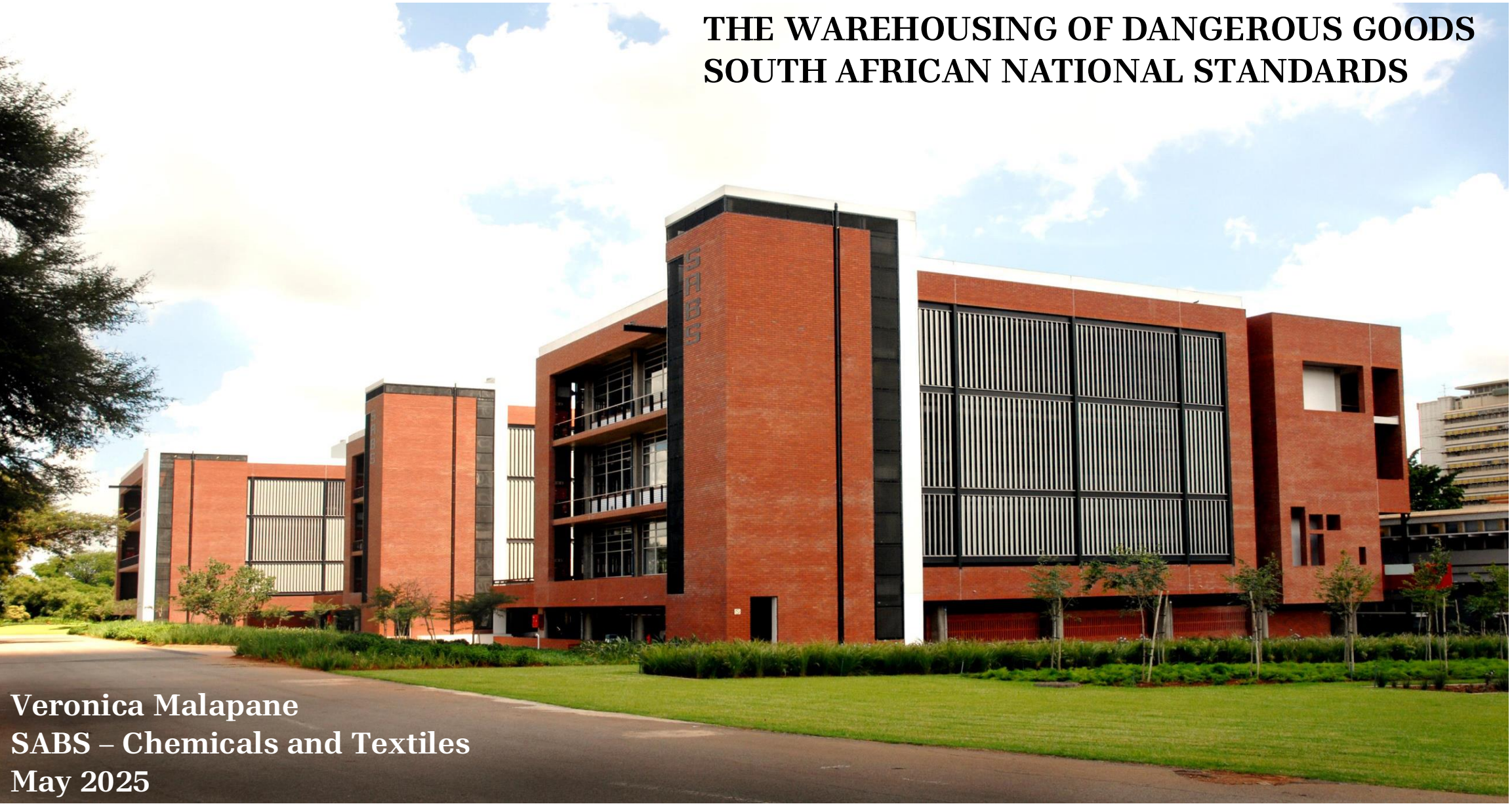


THE WAREHOUSING OF DANGEROUS GOODS SOUTH AFRICAN NATIONAL STANDARDS



Veronica Malapane
SABS – Chemicals and Textiles
May 2025

- 1. Mandate of the SABS*
- 2. Services of the SABS*
- 3. Objectives of the Standards Division*
- 4. Committee Structure – Technical Committee and Subcommittees*
- 5. South African National Standards for The Warehousing of Dangerous Goods*
- 6. Standardization Activities Overview – SABS TC 1060 SC04*
- 7. Way Forward*
- 8. TC Representation (Membership)*

The SABS was established through the Standards Act, 1945 (Act 24 of 1945), currently exists as a public entity under the Standards Act, 2008 (Act 8 of 2008)

LEGISLATIVE MANDATE OF THE SABS

- Develop, promote and maintain South African National Standards (SANS)
- Promote quality with respect to commodities, products and services
- Render conformity assessment services and matters connected therewith

Standards Act – Part 4

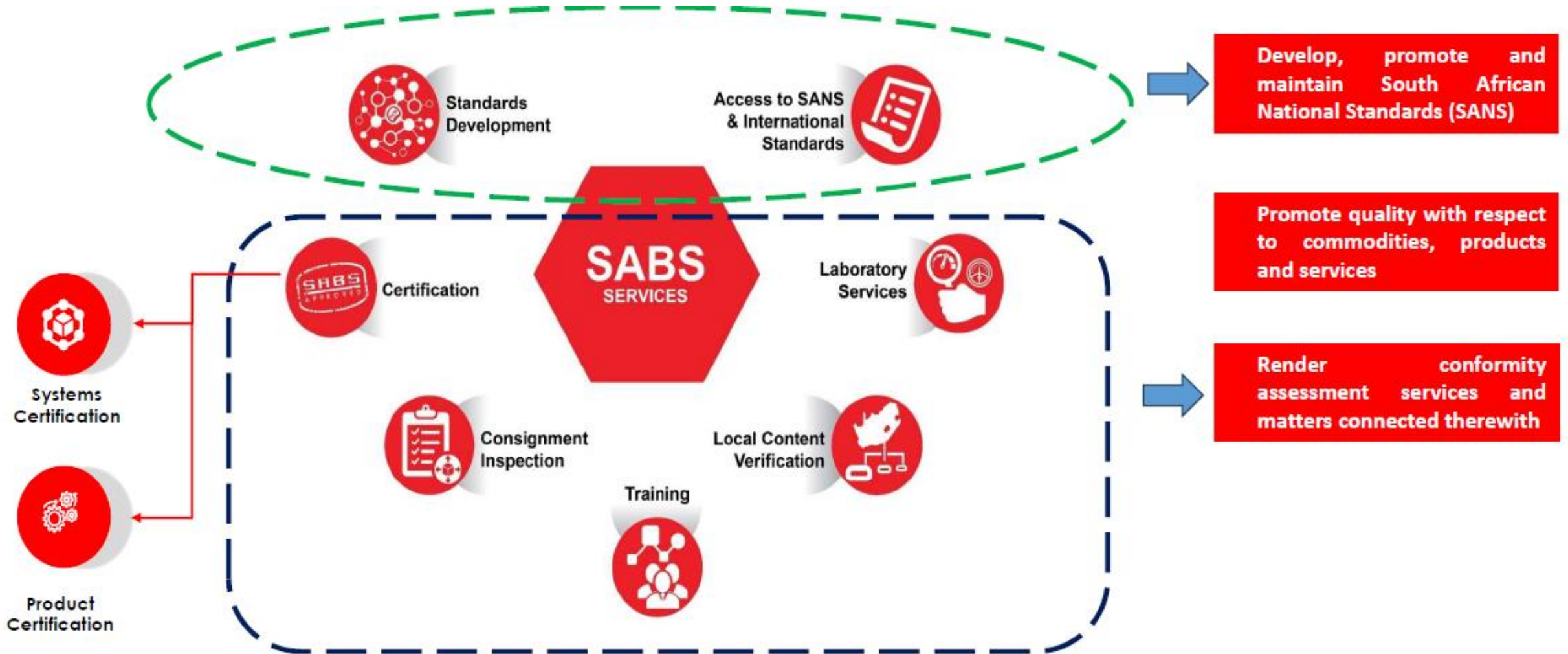
Section 23 – National Norm for setting and amending of South African National Standards

Section 24 – Issuing of South African National Standards – notice in the Government Gazette

Section 25 – Recognizing Standards Development organisations

Section 26 – Copyrights in South African National Standards and publications of SABS

Section 28 – Incorporation of South African National Standards in Law



	Objectives
1.	Develop and maintain relevant national standards that address market needs , support and enable socio-economic and environmental objectives, industrial policy, innovative and competitive industries
2.	Maintain a credible, inclusive , and efficient national standards development system and processes underpinned by international standardization principles and digital enablement
3.	Acquire, develop and retain skills to drive strategic and thought leadership, achieve stakeholder diversity amongst the pool of professional standardizers and meet the changing needs of society
4.	Promote the widespread use of SANS through enhancing the public understanding of the value of SANS and related conformity assessments and demonstrate the benefits and positive impacts to the public and private sector
5.	Strategic collaboration and leadership in regional and international standardization forums; active participation in the harmonization of standards and conformity assessment tools to support the implementation of the AfCFTA
6.	Enhance the access , distribution, and uptake of national standards by all stakeholders

Total of **4 Subcommittees** and **1 Technical Committee** are used for the development and maintenance of the Standards for Dangerous Goods, including Hazardous Chemical Substances And Hazardous Waste.

Technical Committee

SABS TC 1060: National Committee For Standards For Dangerous Goods Including Hazardous Chemical Substances And Hazardous Waste

Subcommittees

- **SABS TC 1060/SC01:** Design and construction of vehicles, tanks and accessories for the transport of dangerous goods.
- ***SABS TC 1060/SC02:** The classification, operational requirements, hazard and emergency information for the management of dangerous goods and hazardous chemical substances.*
- ***SABS TC 1060/SC03:** The packaging of dangerous goods and hazardous chemical substances.*
- ***SABS TC 1060/SC04:** The storage: design and operation of dangerous goods and hazardous chemical substances.*

SANS 10263-0:2017, <i>The warehousing of dangerous goods – Part 0: General requirements</i>	Edition 1.3 of this standard was published in 2017. Under revision. (WD)
SANS 10263-5:2015, <i>The warehousing of dangerous goods – Part 5: Storage and handling of oxidizing substances</i>	Edition 1.1 of this standard was published in 2015. Under revision. (WD)
SANS 10263-8:2012, <i>The warehousing of dangerous goods – Part 8: The storage and handling of corrosive substances</i>	Edition 1.1 of this standard was published in 2012. Under revision. (WD)
SANS 10263-2: 2015, <i>The warehousing of dangerous goods Part 2: The storage and handling of gas cylinders</i>	Edition 1.1 of this standard was published in 2015. Under revision. (WD)
SANS 10263-3: 20XX, <i>The warehousing of dangerous goods Part 3: The storage and handling of flammable liquids</i>	First edition Under Development (CD)
SANS 10263-0:2017, <i>The warehousing of dangerous goods – Part 0: General requirements</i>	Edition 1.3 of this standard was published in 2017. Under revision. (WD)

Progress Update

Projects have come to a halt or been delayed due to unforeseen circumstances

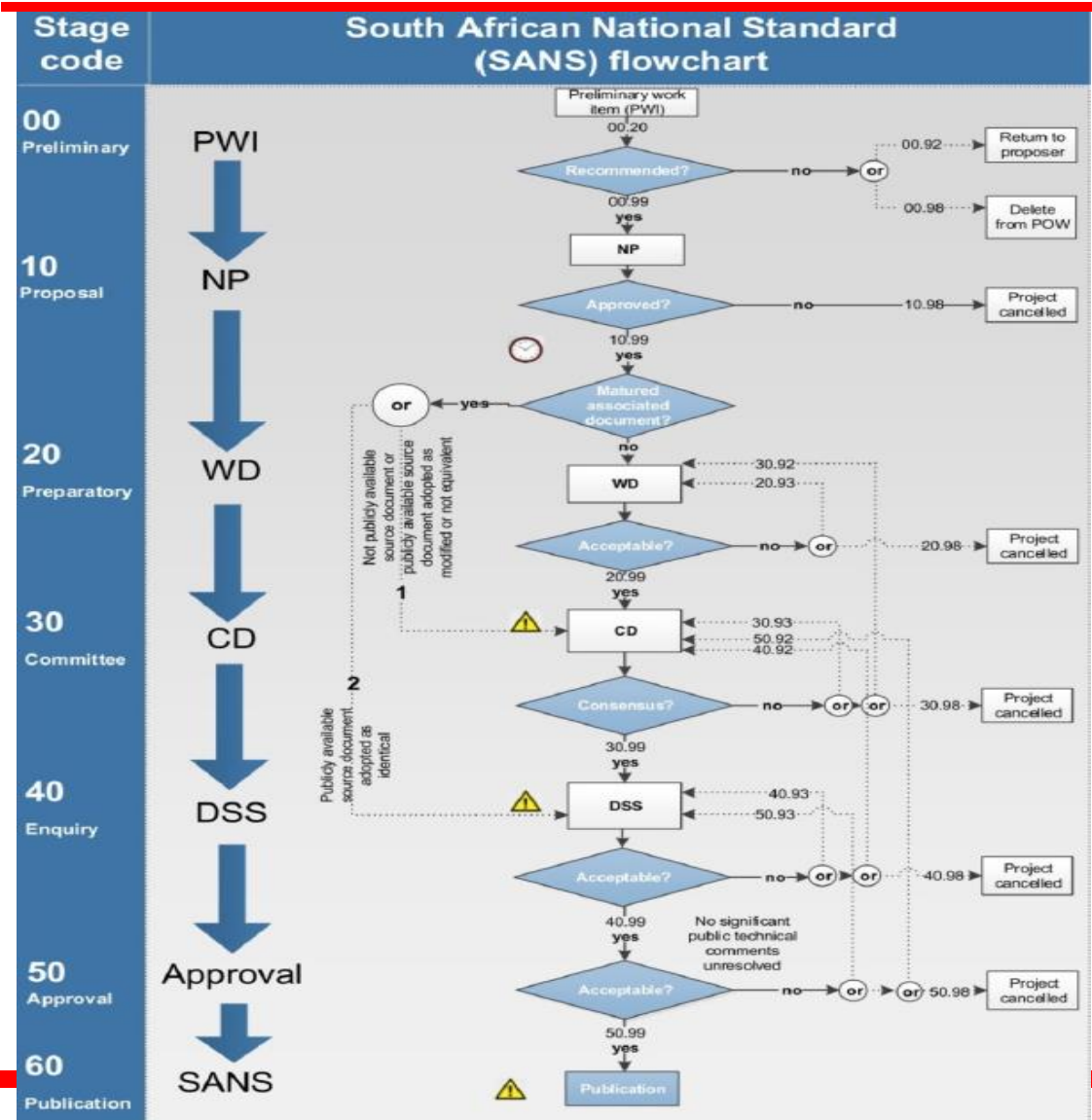
- SABS ORGANIZATIONAL REVIEW (LOSS OF STAFF)
- CYBER-ATTACK 20th November 2024

Proposed TC meeting dates to advance projects

SABS/TC 1060	National Committee for standards for dangerous	YES	27-Aug-2025
SABS/TC 1060/SC 01	Design and construction of vehicles, tanks and ac	YES	20-Aug-2025
SABS/TC 1060/SC 02	Classification, operational requirements and infor	YES	20-Aug-2025
SABS/TC 1060/SC 03	Packaging	YES	21-Aug-2025
SABS/TC 1060/SC 04	Storage: Design and operation	YES	21-Aug-2025

1	2	3
Project Stage	Associated Document	
	Name	Abbreviation
Preliminary Stage (00.00)	Preliminary Work Item	PWI
Proposal Stage (10.00)	New Proposal	NP
Preparatory Stage (20.00)	Working Draft*	WD
Committee Stage (30.00)	Committee Draft*	CD
Enquiry Stage (40.00)	Draft South African Standard	DSS
Publication Stage (60.00)	South African National Standard	SANS
* Optional		

5.2 Development of National Standards: Project Stages



Committee	SANS Number	Ed	Work Order Number	Title	Date Project Approved	Target Date	Date Standard approved	Current Stage	Current Stage	Comment	Standards
SABS/TC 1060/SC 04	SANS 310	1.02		Storage tank facilities for hazardous chemicals - Above-ground storage tank facilities for flammable, combustible and non-flammable chemicals			2024-09-13	50.99	2024-09-13		DENNIS V
	SANS 1751	1		Storage of chemicals in laboratory environment.				00.00	2020-07-24	The project was cancelled and reverted back to stage 00 due to surpassed target date for publication.	DENNIS V
	SANS 10206 (SABS 0206)	3.01		The handling, storage and disposal of pesticides				10.00	2024-02-05		DENNIS V
	SANS 10263-2	2		The warehousing of dangerous goods Part 2: The storage and handling of gas cylinders	2023-09-01	2025-03-01		10.99	2023-09-01		SADIKI R
	SANS 10263-3	1		The warehousing of dangerous goods Part 3: The storage and handling of flammable liquids.				00.00	2020-03-20	Good progress was made at each of these meetings. There is therefore notable progress being made in terms of developing the working draft document. The target date for the publication of this standard and its milestones have however long passed.	DENNIS V
	SANS 10263-5	2		The warehousing of dangerous goods Part 5: The storage and handling of oxidizing substances	2023-09-01	2025-09-01		10.99	2023-09-01		SADIKI R

Committee Number	SANS Number	Int Ed	Ed	Sansified	Title	Date Approved	Latest Amendment			Reaffirmation due	Review/ Revision
SABS/TC 1060/SC 04	SANS 310:2021		1.01	Y	Storage tank facilities for hazardous chemicals - Above-ground storage tank facilities for flammable, combustible and non-flammable chemicals	2021-10-15	1	N	A	2021-10-15	2026-10-15
	SANS 10206:2020		3	Y	The handling, storage and disposal of pesticides	2020-08-07					2025-08-07
	SANS 10263-0:2017		1.03	Y	The warehousing of dangerous goods Part 0: General requirements	2017-03-30	3	N	A	2017-03-30	2022-03-30
	SANS 10263-2:2015		1.01	Y	The warehousing of dangerous goods Part 2: The storage and handling of gas cylinders	2015-02-27	1	N	A	2015-02-27	2020-02-27 2023-09-01
	SANS 10263-5:2015		1.02	Y	The warehousing of dangerous goods Part 5: The storage and handling of oxidizing substances	2015-03-06	2	N	A	2015-03-06	2020-03-06 2023-09-01
	SANS 10263-8:2012		1.01	Y	The warehousing of dangerous goods Part 8: The storage and handling of corrosive substances	2012-06-22	1	N	A	2012-06-22	2017-06-22

Standards under review and development

- Anticipated publication of standards under review – December 2025 – June 2026
- New proposal from the DOT for Lithium Batteries
- ***Continued alignment with the United Nations Model Regulations***
- Development of SANS 1751: Storage of chemicals in laboratory environment
- Participation of regulators in the SABS TC 1060 and SCs

- Participation of the industry stakeholders (including regulators) is **encouraged** at all relevant stages of standards development and review processes.

Role	Appointed by	Salutation	Last name, First name	Employee of
National chairperson	SABS	Mr	Collyer, Philip	BULK-C
National committee member	AMA	Mr	Greathead, John	AMA
National committee member	CAIA	Mr	Nyamhingura, Amon	CAIA
National committee member	DOEL	Ms	Sathekge, Matlala	DOEL

National committee member	DOT	Ms	Motsisi, Pleasure	DOT
National committee member	FUEL INDUSTRY	Mrs	Shaik, Fatima	FUEL INDUSTRY
National committee	IFE	Mr	Webber, Mike	IFE
National committee member	NNR	Mr	Hinrichsen, Paul	NNR
National committee member	RFA	Mr	Durrant, Richard	RFA
National committee	RPMASA	Mrs	Anderson, Liz	LAA

committee member	RSR	Mr	Oiebogeng, Monoketsi	RSR
National committee member	SACGA	Mr	Dhunlal, Rajesh	SACGA
National committee member	SAMSA	Mr	Mthalane, Philane	SAMSA
National committee member	SAPS	Mr	Van Staden, Jurie	SAPS
National committee member	SASOL	Mr	Titipana, Motlatsi	SASOL
National observer	DFFE	Ms	Mogomotsi, Sharon	DFFE
National observer	DGR - COMPLIANCE SOL	Mr	Crane, Eddie	TREMCARD

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Thank You, **SABS Team**

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