

Stakeholder Engagement



Railway
Safety
Regulator

The Regulatory Tools Used by the RSR

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WHO IS THE RSR

A statutory body formed through the RSR ACT 16 of 2002, as amended in order to:

- oversee safety of railway transport while operators remain responsible for such safety within their areas of responsibility;
- promote improved safety performance in the railway transport industry in order to promote the use of rail as a mode of transportation;
- develop any regulations that are required in terms of this Act;
- monitor and ensure compliance with this Act; and
- give effect to the objects of this Act.

REGULATORY TOOLS USED BY THE RSR

- ACT (ACT 16, 2002)
- Regulations (In terms of various sections of the ACT)
- Determination (Section 23 (3) (a) :Section 28 (a) and 28 (b))
- Standards
- Compulsory Notices

REGULATORY TOOLS USED BY THE RSR

- ACT (ACT 16, 2002)
- Regulations
 - (In terms of various sections of the ACT)
- Determination,
 - Section 23 (3) (a) : SMS format
 - Section 28 (a) : SMS form and content, 28 (b) SMSR form and content
- Standards,
 - Section 29 (1) As per procedure regulated by Minister
 - Section 29 (1) Adoption by board for enforceability
- Compulsory Notices

PUBLISHED REGULATIONS

- Regulations Regarding the Procedure to Be Followed in Development of Standards for Safe Railway Operations (2007) (Currently under review)
- Penalty Fee Regulations 2011 (Amended In 2013)
- Determination Of Safety Permit Fees Under Section 23(2) (A) Of The National Railway Safety Regulator Act, 2002 (Annual Determination)
- Safety Management Systems, Safety Management Systems Reports, Railway Occurrence Reporting and Assessment of Performance of Operator (2004)

REGULATIONS UNDER DEVELOPMENT

- Draft Railway Safety and Security Regulations

Published for comments in Feb 2020

- The National railway Safety Standards Development Regulations

Published for comments in Feb 2020

- Regulations Regarding the Category and Type of all Notifiable Railway Occurrences
to be Reported to the Chief Executive Officer of the RSR

Published for comments in March 2020

REGULATIONS UNDER DEVELOPMENT

- Draft Railway Safety and Security Regulations (Feb 2020)
 - Provides for the management of security matters to the extent that these affect safe railway operations.
 - Railway security management is an element that characterizes the resilience of a railway system to theft, vandalism and other unreasonable human behaviour, as these element inevitably have an impact on safe railway operation.

REGULATIONS UNDER DEVELOPMENT

- The National railway Safety Standards Development Regulations (Feb 2020)
 - Provides for the initiation, development, adoption and implementation of Railway Safety Standards by different stakeholders.
 - It also points out the procedures to be followed in the development of the railway safety standards (Inclusive of the Local, Industry, National and the Regulator Standards).

REGULATIONS UNDER DEVELOPMENT

- Regulations Regarding the *Category* and *Type* of all Notifiable Railway *Occurrences* to be Reported to the Chief Executive Officer of the RSR

To ensure that notifiable railway occurrences are adequately managed within the operator's Safety Management System and include:

- Reporting railway occurrences to the Chief Executive Officer,
- Management of all notifiable occurrences;
- Provision of the information required by the CEO as per this Regulation;
- Management of the occurrence scene

REGULATIONS UNDER DEVELOPMENT

- Draft Railway Reserve Management Regulations (under development)

To ensure safe railway operations and safety of persons, property and the environment.

To mitigate risks that are associated with the following:

- Risk of people struck by trains due to proximity to railway lines;
- Unsafe operating conditions;
- Risk to property in the event of accidents or derailments;
- Interruption of train services;
- Clearance of vegetation or environmental degradation; and
- Interference with signalling systems which can lead to train collisions

PUBLISHED DETERMINATIONS

- The determination of the *format, form and content* of a safety management system that is required for the different categories and types of safety permits as well as the form, content and manner of submission of a safety management system report, (By RSR)
- [Determination on the VSCC Protocol, \(March 2020, By RSR\)](#)
- Determination Of Safety Permit Fees Under Section 23(2) (A) Of The Act, 2002 (Annual Determination) By the Minister

PUBLISHED DETERMINATIONS

Determination on the VSCC Protocol, (March 2020)

- To provide detailed communication guidelines and/or framework necessary for the undertaking of verbal safety critical communication within the railway industry
- To enhance Improved procedures for Verbal Safety Critical Communication,
- To provide a standardized approach for Verbal Safety Critical Communication within the Railway Industry in South Africa, and
- To contribute to the reduce of railway occurrences attributable to verbal communication errors in the Railway Industry

PURPOSE OF THE RAILWAY SAFETY STANDARDS

The purpose of Railway Safety Standards is to:

- Provide minimum requirements for the management of safe railway operations
- Ensure that railway operations are being managed uniformly
- Reduce operational occurrences and security incidents that may have a negative impact on safe railway operations
- Provide a standard measure against which compliance is measured
- Source/Framework for the Audit Protocols and Checklists
- Informs the Permit Application Guidelines (Linked with NIMS)
- Framework for NIMS Permit Module
- Used in Technical Workshops

PUBLISHED SABS STANDARDS

- SANS 3000-1: 2016, SANS Railway Safety Management Part 1: General
- SANS 3000-2-1:2017 Electrical distribution and overhead traction systems
- SANS 3000-2-2: 2016, Track & associated civil infrastructure & installations
- [SANS 3000-2-2-1: 2012, Level crossings](#)
- SANS 3000-2-3: 2017, Rolling stock
- SANS 3000-2-4: 2013, Train authorization & control, and telecoms
- SANS 3000-2-5: 2013, Operational principles for safe movement on rail
- SANS 3000-2-6: 2013, intraface management and interoperability
- SANS 3000-4: 2011, Human factors management
- SANS 10405: 2014, Transportation of dangerous goods by rail

PUBLISHED RSR STANDARDS

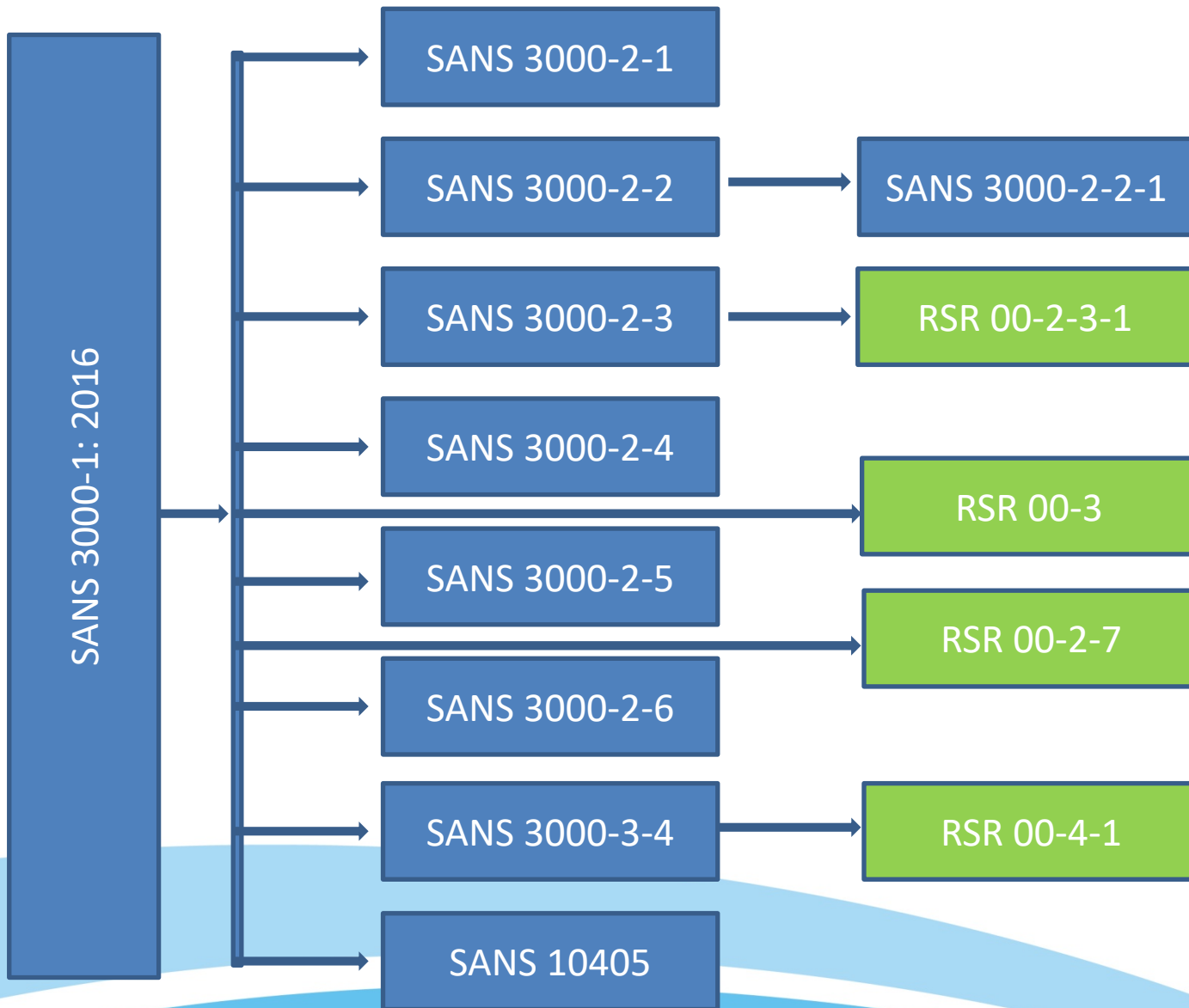
The Published Standards are:

- RSR 00-3: Occurrence Management
- RSR 00-2-3-1: Wheels axles bearings
- RSR 00-4-1: Fatigue Management
- RSR 00-2-7: Stations Standard

The Completed Standards are:

- RSR 005: Series of standards: High-speed railway safety standard

HIERARCHY OF THE STANDARDS



THANK YOU