

LIST OF PUBLISHED STANDARDS

Committee Number	SANS Number	Int Ed	Ed	Sansified	Title	Date Approved	Latest Amendment	Reaffirmation due	Review/ Revision
SABS/TC 065	SANS 96:2018		1.01	Y	Batch sampling and acceptance criteria for explosion-protected apparatus (EPA)	2018-12-13	1 N A	2018-12-13	2028-11-24
	SANS 808:2013		1.03	Y	Cable glands for use on flameproof enclosures (Ex d)	2013-10-04	3 N A	2013-10-04	2025-03-26 2023-02-10
	SANS 868-1-1:2024		1.02	Y	Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both - Part 1-1: Hazardous locations in underground mines - Basic explosion protected engines	2024-02-12	2 N A	2024-02-12	2029-02-12
	SANS 868-1-2:2022		1.02	Y	Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both Part 1-2: Hazardous locations in underground mines - Explosion protected engine systems	2022-06-03	2 N A	2022-06-03	2027-06-03
	SANS 868-1-3:2024		1.02	Y	Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both Part 1-3: Hazardous locations in underground mines - Machines	2024-03-25	2 N A	2024-03-25	2029-03-25
	SANS 868-3-1:2016		1.01	Y	Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both Part 3-1: Hazardous locations on surface - Basic explosion-protected engines	2016-09-09	1 N A	2016-09-09	2021-09-09
	SANS 868-3-2:2012		1	Y	Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both Part 3-2: Hazardous locations on surface - Explosion-protected engine systems	2012-02-03			2022-12-01
	SANS 868-3-3:2024		1.02	Y	Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both Part 3-3: Hazardous locations on surface - Machines	2024-02-12	2 N A	2024-02-12	2029-02-12

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SABS/TC 065	SANS 868-4:2022		1.02	Y	Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both Part 4: Non-hazardous locations in underground coal mines	2022-05-13	1	N	A	2005-12-02	2027-05-13
	SANS 1020:2023		2.02	Y	Power-operated dispensing devices for flammable liquid fuels	2023-03-17	2	N	A	2023-03-17	2028-03-17
	SANS 1438:2018		1.01	Y	Portable light assemblies for underground use in mines	2018-05-04	1	N	A	2018-05-04	2023-05-04 2021-06-11
	SANS 1489-1:2016		1.02	Y	Electrical connectors in group I and group II hazardous areas - Part 1: General requirements for group I hazardous areas	2016-08-26	2	N	A	2016-08-26	2027-07-08
	SANS 1489-2:2023		1.01	Y	Electrical connectors in group I and group II hazardous areas Part 2: Restrained type plugs and sockets for group I hazardous areas	2023-02-10	1	N	A	2023-02-10	2028-02-10
	SANS 1489-3:2023		1.02	Y	Electrical connectors in group I and group II hazardous areas Part 3: Bolted type plugs and sockets for group I hazardous areas	2023-02-10	2	N	A	2023-02-10	2028-02-10
	SANS 1489-4:2022		1.01	Y	Electrical connectors in group I and group II hazardous areas Part 4: Medium voltage couplers and adaptors for group I hazardous areas	2022-12-09	1	N	A	2022-12-09	2027-12-09
	SANS 1515-1:2020		3.01	Y	Gas measuring equipment primarily for use in mines Part 1: Battery-operated portable, flammable gas measuring instruments and warning devices	2020-10-16	1	N	A	2020-10-16	2025-10-16
	SANS 1515-2:2022		2.01	Y	Gas measuring equipment primarily for use in mines Part 2: Fixed, transportable, and vehicle-mounted flammable gas measuring and warning sensor heads, instruments and devices	2022-11-18	1	N	A	2022-11-18	2027-11-18
	SANS 1515-3-1:2023		1.01	Y	Gas measuring equipment primarily for use in mines Part 3-1: Battery-operated, portable, toxic gas measuring instruments and warning devices	2023-09-01	1	N	A	2023-09-01	2028-09-01
	SANS 1515-3-2:2024		1.01	Y	Gas measuring equipment primarily for use in mines Part 3-2: Fixed, transportable, and vehicle-mounted toxic gas measuring and warning sensor heads, instruments and devices	2024-02-12	1	N	A	2024-02-12	2029-02-12
	SANS 1515-3:2014		1	Y	Gas measuring equipment primarily for use in mines Part 3: Gas performance requirements for toxic gas measuring instruments and warning devices	2014-11-07					2028-02-17

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SABS/TC 065	SANS 1515-4-1:2021		1.01	Y	Gas measuring equipment primarily for use in mines Part 4-1: Battery-operated portable, oxygen-deficient/oxygen-enriched measuring instruments and warning devices	2021-10-01	1 N A	2021-10-01	2026-10-01
	SANS 1515-4:2015		1	Y	Gas measuring equipment primarily for use in mines Part 4: Gas performance requirements for oxygen-deficient/oxygen-enriched measuring instruments and warning devices	2015-01-23			2027-06-10
	SANS 1515-5:2016		1	Y	Gas measuring equipment primarily for use in mines Part 5: Fire detectors	2016-05-06			2027-11-28
	SANS 1654:2018		2.02	Y	DC-powered (battery-operated) machines for use in hazardous locations in mines	2018-08-31	2 N A	2018-08-31	2023-08-31
	SANS 6160:2005		1.01	Y	Electrical resistance of floors	2005-03-04	1 N A	2005-03-04	2023-10-19
	SANS 10012:2019		4.01	Y	The use of light metals in hazardous locations at mines	2019-01-18	1 N A	2019-01-18	2024-01-18
	SANS 10086-1:2023		4.02	Y	The installation, inspection and maintenance of equipment used in explosive atmospheres Part 1: Installations including surface installations on mines	2023-09-01	2 N A	2023-09-01	2028-09-01
	SANS 10086-2:2013		2	Y	The installation, inspection and maintenance of equipment used in explosive atmospheres Part 2: Electrical equipment installed underground in mines	2013-02-01			2018-02-01
	SANS 10086-3:2018		2.02	Y	The installation, inspection and maintenance of equipment used in explosive atmospheres Part 3: Repair and overhaul of equipment	2018-03-27	2 N A	2018-03-27	2029-03-08
	SANS 10089-2:2024		3.02	Y	The petroleum industry Part 2: Electrical and other installations in the distribution and marketing sector	2024-03-25	2 N A	2024-03-25	2029-03-25
	SANS 10108:2023		7	Y	The classification of hazardous locations and the selection of equipment for use in such locations	2023-02-10			2028-02-10
	SANS 10119:2023		2.04	Y	Reduction of explosion hazards presented by electrical equipment - Segregation, ventilation and pressurization	2023-08-18	4 N A	2023-08-18	2028-08-18
	SANS 10123:2014		1.03	Y	The control of undesirable static electricity	2014-01-24	3 N A	2014-01-24	2019-01-24
	SANS 10282:1997 (SABS 0282)		1	N	Maintenance of helmet light assemblies	1997-02-24			2002-02-24

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SABS/TC 065	SANS 10347:2015		1.01	Y	Avoidance of hazards underground in collieries due to lightning	2015-11-06	1 N A	2015-11-06	2025-10-09	
	SANS 60079-0:2019/IEC 60079-0:2017	7	6	Y	Explosive atmospheres Part 0: Equipment - General requirements	2019-09-06			2024-09-06	
	SANS 60079-1:2015/IEC 60079-1:2014	7	5	Y	Explosive atmospheres Part 1: Equipment protection by flameproof enclosures d	2015-02-27	1 I C	2023-03-17	2028-03-28	
	SANS 60079-2:2015/IEC 60079-2:2014		4	Y	Explosive atmospheres Part 2: Equipment protection by pressurized enclosure "p"	2015-02-27	1 I C	2021-02-12	2026-02-12	
	SANS 60079-5:2023/IEC 60079-5:2022	4.1	4.01	Y	Explosive atmospheres - Part 5: Equipment protection by powder filling "q"	2023-02-17	1 N A	2023-02-17	2028-02-17	
	SANS 60079-6:2022/IEC 60079-6:2015	4	4.01	Y	Explosive atmospheres - Part 6: Equipment protection by liquid immersion "o"	2022-03-11	1 N A	2022-03-11	2027-03-11	
	SANS 60079-7:2023/IEC 60079-7:2017	5.1	4.01	Y	Explosive atmospheres Part 7: Equipment protection by increased safety "e"	2023-09-22	1 N A	2023-09-22	2028-09-22	
	SANS 60079-10-1:2023/IEC 60079-10-1:2020	3	3	Y	Explosive atmospheres Part 10-1: Classification of areas - Explosive gas atmospheres	2023-07-21			2028-07-21	
	SANS 60079-10-2:2018/IEC 60079-10-2:2015	2	2	Y	Explosive atmospheres Part 10-2: Classification of areas - Explosive dust atmospheres	2018-05-25			2028-10-20	
	SANS 60079-11:2012/IEC 60079-11:2011	6	4	Y	Explosive atmospheres Part 11: Equipment protection by intrinsic safety "i"	2012-06-08	2 I I	2018-05-04	2025-08-28	2024-01-29
	SANS 60079-13:2023/IEC 60079-13:2017	2	3	Y	Explosive atmospheres Part 13: Equipment protection by pressurized room "p"	2023-09-01			2028-09-01	
	SANS 60079-14:2014/IEC 60079-14:2013	5	5	Y	Explosive atmospheres Part 14: Electrical installations design, selection and erection	2014-05-09			2025-08-28	
	SANS 60079-15:2022/IEC 60079-15:2017	5	5	Y	Explosive atmospheres Part 15: Equipment protection by type of protection "n"	2022-09-16			2027-09-16	
	SANS 60079-17:2014/IEC 60079-17:2013	5	5	Y	Explosive atmospheres Part 17: Electrical installations inspection and maintenance	2014-05-09			2024-07-26	
	SANS 60079-18:2022/IEC 60079-18:2014	3	4.01	Y	Explosive atmospheres Part 18: Equipment protection by encapsulation 'm'	2022-02-25	1 N A	2022-02-25	2027-02-25	

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SABS/TC 065	SANS 60079-19:2021/IEC 60079-19:2019	4	4	Y	Explosive atmospheres - Part 19: Equipment repair, overhaul and reclamation	2021-08-06		2026-08-06	
	SANS 60079-20-1:2010/IEC 60079-20-1:2010	1	1	Y	Explosive atmospheres Part 20-1: Material characteristics for gas and vapour classification - Test methods and data	2010-11-19	1 C	2014-05-09	2024-07-26
	SANS 60079-25:2021/IEC 60079-25:2020	3	3	Y	Explosive atmospheres Part 25: Intrinsically safe electrical systems	2021-09-17			2026-09-17
	SANS 60079-26:2022/IEC 60079-26:2021	4	4	Y	Explosive atmospheres - Part 26: Equipment with Separation Elements or combined Levels of Protection	2022-05-20			2027-05-20
	SANS 60079-28:2016/IEC 60079-28:2015	1	2	Y	Explosive atmospheres Part 28: Protection of equipment and transmission systems using optical radiation	2016-10-28			2026-08-20
	SANS 60079-29-1:2022/IEC 60079-29-1:2020	2.1	2.01	Y	Explosive atmospheres Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases	2022-07-22	2 I	2022-07-22	2027-07-22
	SANS 60079-29-2:2017/IEC 60079-29-2:2015	1	2	Y	Explosive atmospheres Part 29-2: Gas detectors - Selection, installation, use and maintenance of detectors for flammable gases and oxygen	2017-02-17			2028-02-17
	SANS 60079-29-3:2015/IEC 60079-29-3:2014	1	1	Y	Explosive atmospheres - Part 29-3: Gas detectors - Guidance on functional safety of fixed gas detection systems	2015-03-31			2025-08-28
	SANS 60079-29-4:2012/IEC 60079-29-4:2009	1	1	Y	Explosive atmospheres - Part 29-4: Gas detectors - Performance requirements of open path detectors for flammable gases	2012-03-16	1 C	2012-03-16	2028-02-10
	SANS 60079-30-1:2023/IEC/IEEE 60079-30-1:2015	1	2	Y	Explosive atmospheres Part 30-1: Electrical resistance trace heating - General and testing requirements	2023-12-08			2028-12-08
	SANS 60079-30-2:2023/IEC/IEEE 60079-30-2:2015	1	2	Y	Explosive atmospheres Part 30-2: Electrical resistance trace heating - Application guide for design, installation and maintenance	2023-12-08			2028-12-08
	SANS 60079-31:2023/IEC 60079-31:2022	3	3	Y	Explosive atmospheres Part 31: Equipment dust ignition protection by enclosure "t"	2023-06-30			2028-06-30
	SATS 60079-32-1:2024/IEC/TS 60079-32-1:2017	1.1	1	Y	Explosive atmospheres - Part 32-1: Electrostatics hazards, guidance	2024-03-25			2029-03-25
	SANS 60079-32-2:2022/IEC 60079-32-2:2015	1	1	Y	Explosive atmospheres - Part 32-2: Electrostatics hazards - Tests	2022-12-01			2027-12-01
	SANS 60079-33:2013/IEC 60079-33:2012		1	Y	Explosive atmospheres Part 33: Equipment protection by special protection "s"	2013-07-26			2028-10-20

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SABS/TC 065	SANS 60079-35-1:2013/IEC 60079-35-1:2011	1	1	Y	Explosive atmospheres Part 35-1: Caplights for use in mines susceptible to firedamp - General requirements - Construction and testing in relation to the risk of explosion	2013-02-01		2028-10-20	
	SANS 60079-35-2:2013/IEC 60079-35-2:2011	1	1	Y	Explosive atmospheres Part 35-2: Caplights for use in mines susceptible to firedamp - Performance and other safety-related matters	2013-02-01		2028-10-20	
	SATS 60079-39:2023/IEC/TS 60079-39:2015	1	1	Y	Explosive atmospheres -Part 39: Intrinsically safe systems with electronically controlled spark duration limitation	2023-07-21		2028-07-21	
	SATS 60079-42:2023/IEC/TS 60079-42:2019	1	1	Y	Explosive atmospheres - Part 42: Electrical Safety Devices for the control of potential ignition sources from Ex-Equipment	2023-07-21		2028-07-21	
	SATS 60079-46:2022/IEC/TS 60079-46:2017	1	1	Y	Explosive atmospheres - Part 46: Equipment assemblies	2022-12-09		2027-12-09	
	SANS 60529:2013/IEC 60529:2013	2.2	1.02	Y	Degrees of protection provided by enclosures (IP Code)	2013-12-13	2 I C	2017-03-17	2023-10-05
	SANS 62262:2004/IEC 62262:2002	1	1	Y	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	2004-09-03		2023-10-05	
	SANS 80079-20-2:2018/ISO/IEC 80079-20-2:2016		1	Y	Explosive atmospheres - Part 20-2: Material characteristics - Combustible dusts test methods	2018-12-13		2028-10-20	
	SANS 80079-20-1:2022/ISO/IEC 80079-20-1:2017	1	1	Y	Explosive atmospheres - Part 20-1: Material characteristics for gas and vapour classification - Test methods and data	2022-11-18		2027-11-18	
	SANS 80079-34:2023/ISO/IEC 80079-34:2018	2	2	Y	Explosive atmospheres Part 34: Application of quality systems for equipment manufacture	2023-08-18		2028-08-18	
	SANS 80079-36:2018/ISO 80079-36:2016		1	Y	Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements	2018-12-13		2028-10-20	
	SANS 80079-37:2018/ISO 80079-37:2016		1	Y	Explosive atmospheres - Part 37: Non-electrical equipment for explosive atmospheres - Non electrical type of protection constructional safety "c", control of ignition source "b", liquid immersion "k"	2018-12-07		2028-10-20	
	SANS 80079-38:2020/ISO/IEC 80079-38:2016		1	Y	Explosive atmospheres - Part 38: Equipment and components in explosive atmospheres in underground mines	2020-03-26		2025-03-26	