



# Environmental Health & Safety Audit Protocol Brazil 2020

## release notes

**STP ComplianceEHS (STP) announces** the release of its recently updated EHS audit protocol for Brazil. This audit protocol, which covers relevant national and State of São Paulo EHS requirements, was previously updated in July 2018. The regulatory date for the current release is July 2020. The table below shows the extent of regulatory changes that have occurred since the previous update.

**Number of Legislative Instruments and their Status**  
(since July 2018)

Protocol Section	No Change	New	Amended	Repealed
General Environmental	24	1	4	1
Air Emissions	11	1	2	1
Solid and Hazardous Waste	19	3	3	4
Water Resources	19	2	3	4
Above and Below Ground Tank Management	6	2	1	2
Community Noise	2	0	1	0
PCBs	5	0	0	1
Asbestos	7	3	2	1
General Health and Safety	13	4	9	3
Equipment, Machine and Electrical Safety	1	1	4	1
Material Handling and General In-Plant Safety	2	0	5	0
Fire Safety	2	5	0	5
Transport of Dangerous Goods	1	4	1	5
Industrial Hygiene	8	3	9	2
Chemical Management	5	7	2	8
Construction Work Site Safety	2	1	1	0

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*please review*

## highlights of selected new legislation

- **CONSEMA Normative Deliberation No. 01/2018 of November 13, 2018 (Deliberação Normativa CONSEMA N° 01/2014, de 23 de abril de 2014) sets** typology for municipal environmental licensing of enterprises and activities that cause or may cause environmental impact at the local level, under the terms of Article 9, item XIV, paragraph "A", of the *Federal Complementary Law No. 140/2011*. This Deliberation repealed and replaced *CONSEMA Normative Deliberation 1 of April 23, 2014*.
- **Normative Instruction IBAMA No. 4, of February 14, 2018 (Instrução Normativa N° 4, de 14 de fevereiro de 2018) February 14, 2018 regulates** the control of imports of Hydrochlorofluorocarbons (HCFC) and mixtures containing HCFC, in compliance with *Decision XIX / 6 of the Montreal Protocol*, and takes other measures.
- **Resolution ANVISA – RDC No. 222 of March 28, 2018 (Resolução da Diretoria Colegiada – ANVISA RDC N° 222, de 28 de março de 2018) March 28, 2018 regulates** the Good Practices of Health Care Waste Management and gives other arrangements. This Resolution repealed and replaced the *ANVISA Resolution No. 306 of December 7, 2004*.
- **Decree No. 10,088 of November 5, 2019 (Decreto N° 10.088, de 5 de novembro de 2019) November 5, 2019 consolidates** normative acts issued by the Federal Executive Branch that provide for the promulgation of conventions and recommendations of the International Labor Organization (ILO) ratified by the Federative Republic of Brazil. Annex LX of the Decree addresses the *ILO Convention 170 – Safety When Using Chemicals at Workplaces*. This Decree repealed and replaced the *Decree No. 2,657 of July 3, 1998*.
- **Ordinance MMA No. 280 of June 29, 2020 (Portaria N° 280, de 29 de junho de 2020) June 29, 2020 regulates Articles 56 and 76 of Decree No. 7,404, of December 23, 2010 and Article 8 of Decree No. 10,388, of June 5, 2020 establishes** the National Waste Transport Manifest (MTR) as a management tool and declaratory document for the implementation of the waste management plan, provides for the National Solid Waste Inventory, and complements *Ordinance No. 412, of June 25, 2019*.
- **ANA Resolution No. 1,938 of October 30, 2017 (Resolução ANA N° 1.938 de 30 de outubro de 2017 provides** for procedures for requesting and evaluating criteria for preventive grants and the right to use water resources. This Resolution repealed and replaced *ANA Resolution No. 219 of June 6, 2005*.
- **CB Technical Instruction No. 3/2019, Glossary of Fire Safety Terms, of April 4, 2019, (Instrução Técnica CB N° 3/2019, Terminologia de segurança contra incêndio) provides** definitions of terms used in the other Technical Instructions cited in this protocol section. This Technical Instruction repealed and replaced the *CB Technical Instruction No. 3/2018 of March 15, 2018*.

- **CB Technical Instruction No. 25/2019, Combustible and flammable liquids, of April 4, 2019 (Instrução Técnica CB Nº 25/2019, Líquidos Combustíveis e Inflamáveis), issued by the State Firefighters (Corpo de Bombeiros – CB), establishes** safety requirements for the storage of flammable liquids and fuels. Requirements include distances between storage tanks, spill prevention procedures, and requirements for fire extinguishers and fire protection systems. This Technical Instruction repealed and replaced *CB Technical Instruction No. 25/2018 of March 15, 2018*.

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- **Decree No. 10,088 of November 5, 2019 (Decreto Nº 10.088, de 5 de novembro de 2019) November 5, 2019 consolidates** Normative Acts issued by the Federal Executive Branch that provide for the promulgation of conventions and recommendations of the International Labor Organization (ILO) ratified by the Federative Republic of Brazil. Annex XLII of the Decree addresses *ILO Convention 162 – Safety in the Use of Asbestos*. This Decree repealed and replaced the *Decree No. 126 of May 22, 1991*.

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- **Collective Labor Agreement – Sindimaq/Sinaees/Força Sindical, issued on November 1, 2019 (Convenção Coletiva de Trabalho – Sindimaq/Sinaees/Força Sindical de 1 de novembro de 2019) establishes** principles for preventing accidents at presses and similar equipment, injection machines and during galvanic treatment activities in the State of São Paulo. The 2019 Agreement replaced the *Collective Labor Agreement – Sindimaq/Sinaees/Força Sindical of the State of São Paulo, issued on December 6, 2017*.

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- **Decree No. 63,911 of December 10, 2018 of the State of São Paulo (Decreto Nº 63.911, de 10 de dezembro de 2018 do Estado de São Paulo) establishes** the *Fire Safety Regulations* for buildings and risk areas in the State of São Paulo and provides related measures. This Decree replaces *Decree No. 56,819 of March 10, 2011 of the State of São Paulo*.

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- **CB Technical Instruction No. 6/2019, Vehicle access in the building and risk areas of April 9, 2019 (Instrução Técnica Nº 06/2019, Acesso de viatura na edificação e áreas de risco) establishes** minimum conditions for the access routes and parking areas for fire department vehicles at facilities. This Technical Instruction repealed and replaced the *CB Technical Instruction No. 6/2018*.

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- **CB Technical Instruction No. 11/2019, Emergency exits of April 9, 2019 (Instrução Técnica Nº 11/2019, Saídas de emergência) establishes** the requirements for emergency exits in order to allow safe evacuation in case of fire or emergency, and to allow the fire department to access the facility for firefighting or rescue. This Technical Instruction repealed and replaced the *CB Technical Instruction No. 11/2018*.

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- **CB Technical Instruction No. 17/2019, Fire Brigade of April 9, 2019 (Instrução Técnica Nº 17/2019, Brigada de incêndio) establishes** the minimum requirements for the formation and training (including refresher training) of a facility's fire brigade. The Instruction also includes the calculation used to determine the number of fire brigade team members required based on the activities conducted at the facility, the number of employees, the number of stories, etc. This Technical Instruction repealed and replaced the *CB Technical Instruction No. 17/2018*.

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- **CB Technical Instruction No. 21/2019, Fire Extinguisher Protection System of April 9, 2019 (Instrução Técnica Nº 21/2019, Sistema de proteção por extintores de incêndio) establishes** the requirements related to fire extinguishers and fire protection systems. This Technical Instruction repealed and replaced the *CB Technical Instruction No. 21/2018*.

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- **NBR 10271, Set of Equipment for Emergencies in Hydrofluoric Acid Transportation; issued November 8, 2017 (NBR-10271, Conjunto de equipamentos para emergências no transporte terrestre de ácido fluorídrico) establishes** the minimum set of equipment for emergency situations for the land transport of hydrofluoric acid (HF).

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- **NBR 7500, Identification for Ground Transportation, Handling, Movement and Storage of Goods, Tenth Edition issued on May 8, 2018 (NBR-7500, Identificação para o transporte terrestre, manuseio, movimentação e armazenamento de produtos) establishes** conventional symbols, and their designs for identifying dangerous goods, to be applied on transport units and packaging, in order to indicate the risks and precautions to be taken in land transport, handling, handling and storage.

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- **NBR 14619 – Dangerous goods transportation – Chemical Incompatibility; issued October 9, 2018 (NBR-14619, Transporte terrestre de produtos perigosos – Incompatibilidade química) establishes** the criteria of chemical incompatibility to be considered for the road transport of dangerous products, and radiological and nuclear incompatibility, in the specific case of radioactive materials (Class 7).

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- **Resolution No. 5,848 of June 25, 2019 (Resolução Nº 5.848 de 25 de Junho de 2019) June 25, 2019 updates** Regulation for the Road Transport of Dangerous Goods carried out on public roads in national territory. This Resolution repealed and replaced *Decree No. 96,044 of May 18, 1988*.

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- **Regulatory Norm 7, Medical Control Program of Occupational Health (PCMSO), issued on June 8, 1978, new wording given by Ordinance SEPRT Nº 6,734 of March 9, 2020 (Norma Regulamentadora 7, NR 7, Programa de Controle Médico de Saúde Ocupacional) establishes** guidelines and requirements for the development of the Medical Control Program of Occupational Health (PCMSO) in organizations, with the objective of protecting and preserving the health of their workers in relation to occupational risks, according to the risk assessment of the organization's Risk Management Program (PGR). This Regulatory Norm will come into force as of March 13, 2021.

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- **Regulatory Norm 9, Evaluation and Control of Occupational Exposures to Physical, Chemical and Biological Agents, issued on June 8, 1978, new wording given by Ordinance SEPRT No. 6,735, of March 10, 2020 (NR-09, Avaliação e Controle das Exposições Ocupacionais a Agentes Físicos, Químicos e Biológicos) establishes** the requirements for the assessment of occupational exposures to physical, chemical and biological agents when identified in the Risk Management Program (PGR), provided for in *Regulatory Norm 1*, and provides requirements for risk prevention measures that must be included in a PGR. This Regulatory Norm will come into force as of March 12, 2021.

- **Resolution ANP No. 51 of November 30, 2016 (Resolução ANP N° 51 de 30 de novembro de 2016) establishes** the requirements for authorization to exercise the activity of resale of liquefied petroleum gas (LPG) and its regulation.

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- **Resolution No. 5,232, Ministries of Transports, Ports, and Civil Aviation/ ANTT, of December 14, 2016 (Resolução N° 5.232, de 14 de dezembro de 2016, Ministério dos Transportes, Portos e Aviação Civil/ ANTT) approves** the Complementary Instructions to the *Regulation for the Road Transport of Dangerous Goods*. This Resolution repealed and replaced ANTT Brazilian Road Transportation Agency Resolution No. 420 of February 12, 2004.

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- **Decree No. 10,088 of November 5, 2019 (Decreto N° 10.088, de 5 de novembro de 2019) consolidates** Normative Acts issued by the Federal Executive Branch that provide for the promulgation of conventions and recommendations of the International Labor Organization (ILO) ratified by the Federative Republic of Brazil. Annex LX of the Decree addresses *ILO Convention 170 – Safety When Using Chemicals at Workplaces*. This Decree repealed and replaced Decree No. 2,657 of July 3, 1998.

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- **CB Technical Instruction No. 3/2019, Glossary of Fire Safety Terms, of April 4, 2019 (Instrução Técnica CB N° 3/2019, Terminologia de segurança contra incêndio) provides** definitions of terms used in other Technical Instructions cited throughout the protocol. This Technical Instruction repealed and replaced CB Technical Instruction No. 3/2018 of March 15, 2018.

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- **CB Technical Instruction No. 25/2019, Combustible and flammable liquids, of April 4, 2019 (Instrução Técnica CB N° 25/2019, Líquidos Combustíveis e Inflamáveis), issued by the State Firefighters (Corpo de Bombeiros (CB)) establishes** safety requirements for the storage of flammable liquids and fuels. Requirements include distances between storage tanks, spill prevention procedures, and requirements for fire extinguishers and fire protection systems. This Technical Instruction repealed and replaced CB Technical Instruction No. 25/2018 of March 15, 2018.

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- **CB Technical Instruction No. 28/2019, Handling, Storage, Commercialization and Use of Liquefied Petroleum Gas (LPG) of April 4, 2019 (Instrução Técnica CB N° 28/2019, Manipulação, armazenamento, comercialização e utilização de gás liquefeito de petróleo (GLP)) establishes** the safety requirements related to the manipulation, storage, sale and use of LPG. Examples of requirements include separation of LPG tanks from each other and from buildings, and also requirements related to fire extinguishers. This Technical Instruction repealed and replaced CB Technical Instruction No. 28/2018 of March 15, 2018.

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- **CB Technical Instruction No. 32/2019, Hazardous Products in Buildings and Risk Areas, of April 4, 2019 (Instrução Técnica CB N° 32/2019, Produtos perigosos em edificações e áreas de risco) establishes** the safety requirements for buildings and risk areas that store dangerous substances, in accordance with *Decree 46,076 of 2001*. Dangerous substances are chemical substances that may cause injuries to human health and the environment. Risk areas are areas outside of buildings where flammable or combustible materials are stored. Risk areas may also be associated with electrical and gas installations. Any constructed area may be considered a building. This Technical Instruction repealed and replaced *CB Technical Instruction No. 32/2018 of March 15, 2018*.



## related STP products

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