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2. Decree 45/2022/ND-CP Sanctioning of administrative violations in the field of environmental protection;
3. Circular 12/2022/TT-BGTVT stipulating the list of potentially unsafe products and goods under the state management responsibility of the Ministry of Transport;
4. Update other legal documents.

SPECIALIZED NEWS

HAZARD and Operability Study – HAZOP

DID YOU KNOW?

Guidelines for the diagnosis, treatment and prevention of monkey pox in humans



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Editor's note:

Dear Readers,

Thank you for always accompanying and supporting SEN Newsletter to update the legal regulations regarding Safety - Health - Environment.

Highlights in this issue, there are Circular 12/2022/TT-BCT stipulating working time and rest time for employees engaged in operation, maintenance and repair of gas distribution pipelines and gas works promulgated by the Ministry of Industry and Trade; Decree 45/2022/ND-CP sanctioning of administrative violations in the field of environmental protection; Circular 12/2022/TT-BGTVT stipulating the list of potentially unsafe products and goods under the state management responsibility of the Ministry of Transport; Consolidation document 07/VBHN-BCT in 2022 consolidating Decree on sanctioning of administrative violations in the field of chemicals and industrial explosives.

On July 29th, the Ministry of Health issued Guidelines for the diagnosis, treatment and prevention of monkeypox in humans. Accordingly, monkeypox is an acute infectious disease, capable of causing epidemics, caused by monkeypox virus. The disease is of African origin and is transmitted from animals to humans and from person to person through direct contact. Let's find out more in this "Did you know" section!

Best regards.



WORKING TIME FOR EMPLOYEES DOING GAS PROJECT MAINTENANCE

On June 30, 2021, the Ministry of Industry and Trade issued Circular 12/2022/TT-BCT on working hours and rest time for operating employees doing, maintenance and repair of gas distribution pipeline system and gas facilities. Accordingly, the working hours of employees

engaged in operation, maintenance and repair of gas distribution pipelines and gas facilities are regulated as follows:

- Working shift no more than 12 hours a day
- Maximum working session is 07 days.

In addition, the total number of working hours of the shift and the number of overtime hours must not exceed 12 hours in a day, and the amount of overtime must not exceed 300 hours in a year; the organization of overtime must be agreed by the employee and comply with the provisions of Article 59 and Article 62 of Decree 145/2020/ND-CP.

With the employee working by session, after each session, the employee is arranged to take a consecutive break with the number of days off equal to the number of working days in the previous working session.

Regulations on overtime; rest during working hours; shift leave; holidays, Tet; annual leave; leave for personal reasons; unpaid leave shall comply with the Labor Code 2019 and guiding Decrees.

The employer is responsible for specifying the working shift and working session of the employee in the labor regulations and notifying the employee before coming to work in accordance with the law.

Circular 12/2022/TT-BCT stipulating working time and rest time for employees engaged in operation, maintenance and repair of gas distribution pipelines and gas works Issued by the Ministry of Industry and Trade, takes effect from September 9, 2022.



PENALTIES FOR ADMINISTRATIVE VIOLATIONS OF ENVIRONMENTAL PROTECTION

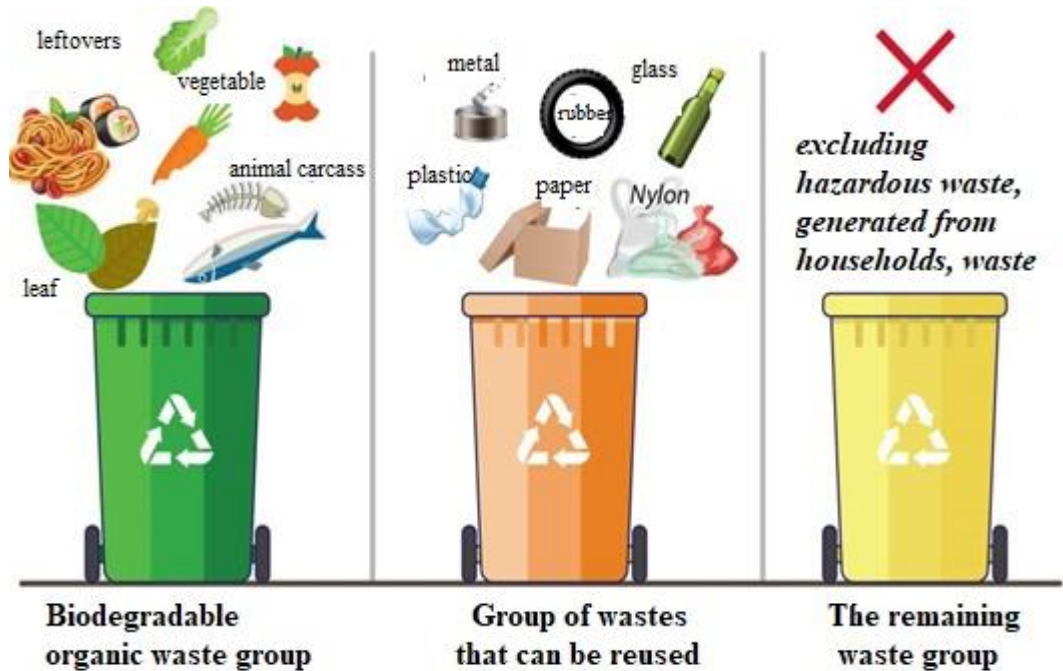
On July 7, 2022, the Government issued Decree 45/2022/ND-CP on sanctioning of administrative violations in the field of environment, in which, additional regulations on sanctioning individuals and households for not sorting household waste were included.

Decree 45/2022/ND-CP stipulates that agencies, organizations, productions, business and service establishments, investors in the construction and business of infrastructure of concentrated production, business and service zones or an industrial cluster with domestic solid waste of a total volume of 300kg/day or more will be penalized as follows:

-A fine ranging from 15,000,000 VND to 20,000,000 VND shall be imposed for failing to sign a contract with a waste collection, transport, reuse, recycling or treatment unit;

-A fine ranging from 20,000,000 VND to 30,000,000 VND shall be imposed for using means of transporting domestic solid waste that do not meet technical requirements for environmental protection.

Decree 45/2022/ND-CP takes effect from August 25, 2022 and replaces Decree 155/2016/ND-CP and Decree 55/2021/ND-CP.



A fine of up to 1 million VND for individuals who do not classify domestic waste

Specifically, a fine of between 500,000 VND and 1,000,000 VND shall be imposed on households and individuals for failing to classify domestic solid waste; not using domestic waste packaging in accordance with regulation.

(Currently, Decree 155/2016/ND-CP does not have regulations on fines for individuals and households who do not classify household waste).

THE MINISTRY OF TRANSPORT ISSUES A LIST OF POTENTIALLY UNSAFE GOODS

On June 30, 2022, the Ministry of Transport issued Circular 12/2022/TT-BGTVT stipulating the list of potentially unsafe products and goods under state management responsibility.

Principles of application:

1. Imported products and goods on the list specified in Appendix I and Appendix II issued together with this Circular must be registered for state inspection verifying product and goods quality.
2. For products and goods showing only 4-digit HS codes, all 8-digit codes belonging to 4-digit code group shall be applied if they are consistent with the names stated in the quality certificate.
3. For products and goods showing only 6-digit HS codes, all 8-digit codes in the 6-digit code group shall be applied if they are consistent with the names stated in the Quality Certificate.
4. The HS code specified in Appendix I and II issued together with this Circular is different from the HS code in the List of products and goods for export and import of Vietnam.

Accordingly, the list of products and goods that must be certified before customs clearance and before being put on the market according to Appendix I includes:

(1) Products and goods in the field of road transport, including:

- Automobiles, trailers and semi-trailers, for example: Tractor cars (used to tow semi-trailers); Passenger cars (types carrying 10 people or more, including drivers); Concrete mixer truck;...
- Motorcycles (including those with side trunks); Motorcycle; Electric Bicycle; Motor bike.
- Specialized motorbikes.
 - Wheeled cranes - The type with the cockpit and the control room with separate working mechanism;
 - Wheeled cranes - The type that shares the same control room of the steering mechanism and the control of the working mechanism.

2) Products and goods in the railway sector, including:

- Diesel locomotives;
- Passenger wagons, not self-propelled; Public service wagons, power generation.

Circular 12/2022/TT-BGTVT stipulate the list of products and goods that are likely to cause unsafety under the state management responsibility of the Ministry of Transport takes effect from August 15, 2022.



UPDATE OTHER DOCUMENTS

1. Consolidated document No. 02/VBHN-BYT of the Ministry of Health on the promulgation of the Decree on sanctioning of administrative violations in food safety; issued on January 24, 2022;
2. Consolidated document No. 07/VBHN-BCT of the Ministry of Industry and Trade on the promulgation of the Decree on sanctioning of administrative violations in the field of chemicals and industrial explosives; issued on March 16, 2022;
3. Decision No. 1341/QĐ-BYT of the Ministry of Health guiding the selection and use of personal protective equipment in the prevention and control of the COVID-19 epidemic; issued on May 24, 2022; takes effect May 24, 2022;
4. Decision No. 1856/QĐ-BYT of the Ministry of Health on the issuance of guidelines for diagnosis and treatment after Covid-19 in children; issued on July 5, 2022; becomes effective on July 5, 2022;
5. Decision 2099/QĐ-BYT of the Ministry of Health on promulgating Guidelines for the diagnosis, treatment and prevention of monkeypox in humans, and how to prevent monkeypox in humans, takes effect on July 29, 2022.

Hazard and Operability Study – HAZOP

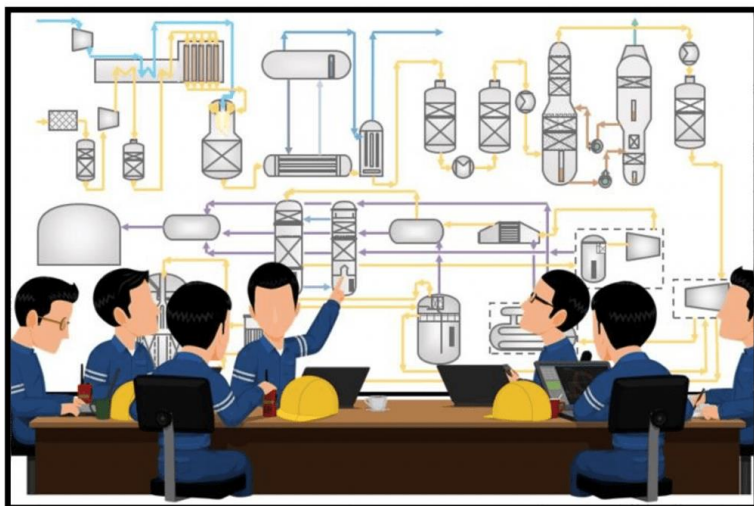
HAZOP (Hazard and Operability) studies have been done for years for many plants and facilities; however, there are many managers and engineers in different industrial and manufacturing sectors that are unfamiliar with HAZOP and its safety benefits. From time to time, engineers showed nervousness when were asked for a HAZOP study or engagement in HAZOP session, in which lack of experience is the main reason.

A HAZOP is used to identify major hazards or operability issues related to the design, installation, and operation of industrial and manufacturing plants. Major hazards include the release of hazardous materials or energy. This is closely related to risk assessments and safety verifications of facilities. The focus of the study is to address incidents, which may impact public health and safety, worker safety, economic loss, the environment, and the plant's reputation.



In a HAZOP study, an industrial or manufacturing facility is divided into “nodes”. Each node will be examined under the direction of several guidewords such as high pressure, low pressure, low flow, high flow, no flow, reverse flow, etc. The guidewords are specific depending on the system or team. For example, operation team, commissioning team etc., each has its own guidewords.

One of the primary purposes of HAZOP is to identify scenarios that could lead to the release of hazardous materials into the atmosphere, thus expose workers and people living surrounding the plant to danger. To make this determination, it is always necessary to identify, as exactly as possible, all consequences of any credible causes of a hazard.



Ensuring that the HAZOP meeting covers the required scope of the HAZOP study is an important task. Some HAZOP studies failed to cover whole the intended scope while others exceeded the defined battery limits. Hence, a clear scope definition is important to HAZOP.

Another important element that is essential for a successful HAZOP study is that “all possible modes” of operation, start-up and shutdown for the equipment, machinery, package, etc., should be considered. Machinery, package or facility has different normal, part-load and emergency modes of operation; all modes should be taken into account, and proper guidewords should be applied for each mode of operation



The Ministry of Health issues guidelines for diagnosis, treatment and prevention of monkeypox in humans

Monkeypox is an acute, infectious disease caused by the monkeypox virus. The disease is of African origin and is transmitted from animals to humans and from person to person through direct contact with skin lesions, bodily fluids, sexual contact, respiratory droplets, or infected individuals' possessions and transmitted from mother to child.

The main symptoms of the disease are fever, vesicular rash, and peripheral lymphadenopathy, which can cause serious complications leading to death.

In the guidelines of the Ministry of Health, stages of monkeypox are specified

Incubation period: 6 - 13 days (ranging from 5 - 21 days): The infected person has no symptoms and is not contagious.

Start-up phase: from 1-5 days with the main symptoms being fever and lymphadenopathy all over the body. The patient might be accompanied by headaches, fatigue, chills, sore throat, and muscle pain. The virus can spread to others from this stage.

Full-blown stage: Characterized by the appearance of a rash on the skin, usually 1 to 3 days after fever.

Recovery phase: Symptoms of monkeypox can last 2 to 4 weeks and then go away on their own. The patient has no clinical symptoms, the scars on the skin can affect aesthetics and there is no longer the risk of infecting others.

In this guide, the Ministry of Health also classified treatment according to disease type.

Accordingly, commune/ward/district health centers will treat asymptomatic cases and mild cases with common symptoms of the disease.

Provincial and central levels will receive cases of severe or potentially serious disease (infants, immunocompromised people, the elderly, underlying diseases, pregnant women), cases with severe complications.

How is monkeypox treated?

- The Ministry of Health clearly stated the implementation of surveillance and isolation of suspected/confirmed cases;
- Symptomatic treatment is primary;
- Ensure nutrition, water and electrolyte balance and psychological support;
- Use specific treatment drugs in severe cases and special bodies (infants, elderly, immunocompromised people, ...) according to the recommendations of the World Health Organization and regulations of Vietnam.
- Monitor, detect and promptly handle severe conditions and complications of the disease.



Link: <https://suckhoedoisong.vn/nong-bo-y-te-ban-hanh-huong-dan-chan-doan-dieu-tri-va-phong-benh-dau-mua-khi-o-nguoi-169220728111350915.htm>



RISK MANAGEMENT



- 31 Construction projects of Safety Documents: SMP, QRA, ERP
- 83 Projects for HAZOP assessment
- 50 Projects for HAZID assessment
- 66 Projects for RISK assessment
- 16 Projects for building Safety Cases
- 13 Projects for Safety Integrity Level
- 5 Projects Process Safety Management System

HSE CONSULTANT SERVICE



- 31 Projects - Legal compliance and updating Legal requirement for HSE field
- 21 Projects - Emergency preparedness and practice.
- 12 Projects - Consultant for building HSE system
- 33 Projects - HSE/CSR audit

HSE TRAINING SERVICE



- 18 Courses - Training on Risk assessment
- 28 Courses - Emergency respond
- 22 Courses - Driver defensive
- 10 Courses - Safety awareness
- 06 Courses - Radiation safety
- 3 Courses - Safety investigation
- 3 Course - Safety Technique

ENVIRONMENTAL CONSULTANT



- 62 Projects - Working Environmental Survey
- 09 Projects - Pollution assessment and Environmental compliance
- 26 Projects - Environmental Impact Assessment
- 6 Projects - Environmental Post-inspection consultant
- 16 Projects - Oil spillage respond plan
- 3 Projects - Waste Management/Waste treatment

This newsletter is intended to provide general information, not legal consultant. If valued customer need to Legal advice, don't hesitate to contact us via email: info@senwork.com

Thank you very much from our partners.



Further information, please send to our email: info@senwork.com



SEN CONSULTING JOINT STOCK COMPANY

Address: P7-18.OT09, Park 7, Vinhomes Central Park,
720A Dien Bien Phu Street, Ward 22, Binh Thanh District,
Ho Chi Minh City, Viet Nam

Tel: +84 28 3636 0721
Fax: +84 28 3636 0981
Website: www.senwork.com