

LOGISTICS DIVISION
 ENVIRONMENT, PROTECTION AND SECURITY UNIT
 OCCUPATIONAL HEALTH AND SAFETY DEPARTMENT
 Nr. DMPS 94618/29.11.2022

**PREVENTION AND PROTECTION PLAN FOR 2023
 HEADQUARTERS of S.N.T.G.N. TRANSGAZ S.A. MEDIAȘ**

**APPROVED
 DIRECTOR GENERAL
 ION STERIAN**

OHS COMMITTEE
 Deputy Director General
 Alexandru Iuga




Tag no.	Job Position	Assessed risks	Technical measures	Organisational measures	Hygienic – sanitary measures	Other measures	Actions to implement the measure	Deadline	Responsible
0	1	2	3	4	5	6	7	8	9
1.	TRANSGAZ HEAD OFFICES	<ul style="list-style-type: none"> - Microorganisms, bacteria/viruses. - Accident by/with means of car transport; - High/low temperature, light ambience, draughts and noise in the premises. 	<ul style="list-style-type: none"> - Supply of sanitary materials (toilet soap, liquid soap and detergents/disinfectants). -Ensuring that the company's vehicle servicing, repair and regular technical inspection programs are carried out; - Where travel on company business by private vehicle is permitted, to ensure that it is technically suitable for use on public roads; - Maintain ambient temperatures within recommended limits in workplaces by ensuring the operation of central heating and air-conditioning systems ; - Installing draught-proof screens in the area where the staff providing security and controlled access to the Mediaș headquarters, P-ța C.I. Motaș, nr.1, work 	<ul style="list-style-type: none"> - Training workers on personal hygiene at work; -Granting personal hygiene equipment according to the internal list of equipment to workers who clean and care for administrative buildings. - Proper training of workers involved in driving vehicles; - Appropriate training of staff who are not employed as drivers but occasionally drive the unit's vehicles 	<ul style="list-style-type: none"> - Carry out regular pest control, fumigation and sanitation of workplaces. 	<ul style="list-style-type: none"> - Regular occupational medical check-up of workers according to G.D 355/2007. - Medical assessment of workers driving motor vehicles according to the regulations in force; - Regular occupational medical check-up of workers according to G.D. 355/2007. 	<ul style="list-style-type: none"> - Conclusion of contracts with specialised companies for pest control/termite control; -Monitoring the implementation of the Public Procurement Program for 2022; - Scheduling training on hygiene in the workplace. - Conclusion of contracts with specialized companies for carrying out vehicle inspections and maintenance; -Ensuring the contracting of services for carrying out occupational health and, where appropriate, road safety checks. - Conclusion of contracts with specialized companies for maintenance work on heating and air-conditioning units; - Refurbishment of work premises. 	<ul style="list-style-type: none"> - Permanently. -On due dates. - On due dates for service contracts and regular occupational health check-ups; - 31.12.2023 for investment modernisation works. 	<ul style="list-style-type: none"> - Director Environment, Protection and Security Unit; -Head of Occupational Safety and Health Department; - Administrative Management Unit - Director of the Environment, Protection and Security Unit; - Head of Occupational Safety and Health; - Director of Supply and Transport Unit. - Director of Exploitation and Maintenance Division; - Administrative Management Unit; - Head of Occupational Safety and Health Department.

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TRANSGAZ HEAD OFFICES		- Smoking or using open fire in places where this is not allowed; -causing fires.	- Setting up and signposting of smoking places, their appropriate equipment in accordance with the applicable legislative requirements; - Equipping workplaces with compliant extinguishers and ensuring that they are regularly checked	- Training in fire prevention and firefighting, practical exercises on the use of first intervention means.			- Properly set up and signposted smoking areas; - Reviewing the provision of fire extinguishers, increasing their number according to the nature and characteristics of the workplaces, placing them in the premises of the establishment, in easily accessible and appropriately signposted places. -Carrying out regular training with specific content for personnel.	- Permanently.	- Director of the Environment, Protection and Security Unit; - Head of Protection, Security and Emergency Situations Service.
		Accidents and occupational diseases.	- Supply of first aid kits and first aid kit packages; -Provision of first aid kits with medicines according to Annex 18 of Transgaz' own OHS Instructions; -Procurement of occupational health services.	-First aid specific instructions.	- Periodic occupational medical check-up of workers according to G.D. 355/2007.		- Purchase of first aid kits, tool kits and medicines; -Organisation of first aid courses by specialised staff.	-According to the deadlines.	- Director of the Environment, Protection and Security Unit; -Head of Occupational Health and Safety Department;
		-Fire and explosion.	- Preparation of the technical documentation in order to Ex. certify technical installations where potentially explosive atmospheres may occur, at INSEMEX Petroșani; - Ex. certification by INSEMEX Petroșani of equipment, technical installations; - Carrying out technical expertise in case of events resulting in fires or explosions; -Preparation of a plan of measures to remedy the non-conformities determined upon the certification of the objectives where potentially explosive atmospheres may occur.	-Regular training with workers in explosive atmospheres; - Monitoring the implementation of the Plan of Measures, equipment and installations operating in potentially explosive environments; -Inspections and controls to monitor the maintenance of equipment in the Ex environment.			Monitoring the preparation of documentation, Ex. certificates and INSEMEX certification services, of equipment where potentially explosive atmospheres may occur..	- According to the implementation schedule under the contracts	- Director of the Environment, Protection and Security Unit; Head of Occupational Safety and Health; - Department of Energy Management, Automation and SCADA; - Job coordinators.
		-Exposure to extreme temperatures, e.g., hazardous areas, while travelling in deployment.	-Procurement of personal protective equipment.	- Providing Personal Protective Equipment. according to the internal equipment list		-Regular medical check-up of workers according to GR 355/2007.	- Purchase of personal protective equipment ; -Wearing personal protective equipment according to the job;	-Permanent	- Director of the Environment, Protection and Safety Unit; -Head of Occupational Safety and Health Department; -Head of workplace; - Employee.
		-Accidents due to failure to properly mark identified risk areas.	- Procurement of signalling and warning signs according to GR 971/2006.	-Setting up the areas where the signalling/warning signs will be installed.			-Installation of signage/warning signs for event prevention.	-Permanent	- Director of the Environment, Protection and Safety Unit; -Head of Occupational Safety and Health Department; - Director of Supply and Road Transport Unit.
		-Other risks leading to occupational safety and health management failures.	-Maintenance of occupational health and safety management system certification according to SR ISO 45001:2018.	-Continuous improvement of the Occupational Health and Safety Management System; Identification of risks to the Occupational Health and Safety Management System			-Communicating occupational health and safety information	-Permanent	- Director of the Environment, Protection and Safety Unit; -Head of Occupational Safety and Health Department; - Head of workplace; - Employee.
		-Activity in the work process that generates stress.	- Ensuring appropriate working conditions.	- Training of workers at the start of work.			-Carrying out the annual theme	-Permanent	- Director of the Environment, Protection and Safety Unit; -Head of Occupational

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	TRANSGAZ HEAD OFFICES								Safety and Health Department; - Head of workplace.
		-Return of improperly stored objects, materials, records.	-Securing materials against uncontrolled movements by correct basing, stacking according to non-hazardous procedures, chocking, lashing, etc; -Not exceeding the maximum permissible mass when stacking on special or occasional supports. -Compliance with the dimensions of access routes and removal of all materials obstructing these routes.	-Training of workers with emphasis on how to handle and stack objects, materials, records in the warehouse				-Permanent	- Job managers at Transgaz headquarters
		-Release or accumulation of gases, toxic or caustic vapours resulting from the use of certain chemicals.	-Securing materials against uncontrolled movements by correct basing, stacking according to non-hazardous procedures, chocking, lashing, etc; -Not exceeding the maximum permissible mass when stacking on special or occasional supports. -Compliance with the dimensions of access routes and removal of all materials obstructing these routes.	-Observing sampling schedules and determination of vapour concentrations, toxic gases in the workplace atmosphere.		- Regular medical check-up of workers according to GR 355/2007.	- Procurement of personal protective equipment;	- Permanent.	-Gas environment, etc. analysis laboratory managers.
		-Failure to use personal protective equipment and other means of protection provided (protective goggles, gloves, mask, overalls, etc.);	-Procurement of Personal Protective Equipment, appropriate to the activity to be carried out according to the regulations in force.	-Equipping employees with Personal Protective Equipment appropriate to the activity to be performed; -Instructing workers on the consequences of not observing safety restrictions, not using or improper use of protective equipment, etc; -Checking the use of the equipment by means of permanent control by the superior supervisor or by survey by the OHS inspectors;			- Procurement of personal protective equipment;	- Permanent.	- Job managers at Transgaz headquarters. - Occupational Safety and Health Inspector;
		-Physical exertion - repeated bending and lifting, difficult to reach places in awkward positions, dumping garbage, etc;	- Equipping with lifting equipment (hand trolley, crane, forklift, etc.).	-Instructing workers on the consequences of risks caused by physical effort;		- Regular medical check-up of workers according to GR 355/2007.		- Permanent.	- Head of workplace; - Administrative Management and Valea Lunga and Botorca Warehouses Unit.
		-Electrocution by direct contact: when working in live electrical installations; touching uninsulated cable ends; accidental voltage build-up in the work area; approaching installations connected to power supply below a protective distance; failure of and damage to electrical installations, etc.	- Carrying out work involving the de-energising of the electrical installation or equipment and checking the lack of voltage before starting the work itself; -Using electrical equipment with the normal degree of IP protection adapted to the danger of direct contact; -Producing protective fencing; -Temporary earthing, creating the protected area and the work area, by using special earthing and short-circuiting devices; -Use of electro-insulating means of protection; -Equalising potentials and isolating the work platform from earth.	-Only qualified electricians, authorised and trained for the work in question, may carry out work on electrical installations; -Safety signs and warnings about the risk or danger of electric shock in electrical installations; -Training and authorisation according to the legal provisions in force as well as periodic testing of the technical and occupational safety knowledge acquired by workers. -The physical delimitation of the workplace, the work area, by means of specially designed enclosures; -Scheduling of work on electrical installations and issuing of work permits; Organising and carrying out regular checks on technical measures to protect against direct contact.		- Training workers on electrical safety at work.	-Programming and carrying out work on checking electricity supply installations, by own qualified staff and/or as necessary by contracting specialised companies; -Scheduling training on electrical safety at work.	- Permanent.	-Energy manager, electricians; - Director of Energy Management Automation and SCADA; - Administrative Management Unit
		-Electrocution by indirect touching and/or occurrence of pace voltage: touching parts of the installation which are accidentally connected to power supply and unprotected by connection to a neutral wire, approaching electrical installations where the insulation to earth was damaged;	- Earthing; - Connection to neutral to protective earth; - Carrying out additional protective insulation, applied to the machine, installation; -Equalising and/or routing potentials; -Protective separation; - Use of automatic disconnection protection in the event of dangerous accidental voltage or dangerously high fault currents; - The use of electro-insulating means of protection which are checked when due.	-Providing safety signalling, electrical hazards in dangerous areas, site isolation; -Visually checking the integrity of the earthing of switchgear housings, metal and concrete poles and supports in the work area; -Reviewing the schedule for checking the means of protection provided (both technical equipment and personal protective equipment) -Regular checks on compliance with electrosecurity measures;		- Training workers on electrical safety at work.	-Programming and carrying out work on the inspection of electricity supply installations, by own qualified staff and/or as required by contracting specialised companies; -Programming training on electrical safety in the workplace.	- Permanent.	-Energy manager, electricians; - Director of Energy Management Automation and SCADA; - Administrative Management Unit

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TRANSGAZ HEAD OFFICES		accidental occurrence of voltage on parts of equipment, etc.							
		- Performing operations that are unforeseen in the workload or in a manner other than as required by procedures or job-specific instructions;		-Training of workers on the consequences of failure to observe technological discipline and safety restrictions - failure to pay attention to the operations performed, omission of some of the operations provided for by the work task, non-use or incomplete use of means of protection; -Verification of compliance with the technological and work safety prohibitions by means of permanent control by the head of the formation and/or by means of a survey by senior hierarchical superiors.				- Permanent.	- Work place leaders.
		- Travelling, standing outside work tasks, under the load of lifting equipment, in the vicinity of powered installations; on car access routes, CF routes, etc.;		- Regular training on the dangers of moving or staying in dangerous areas; - the use of all available warning devices (optical, acoustic) - Appropriate signposting of workplace risks;				- Permanent.	- Work place leaders.
		- Neuropsychic stress caused by the danger of being attacked, verbal aggression, threats as well as due to working at night at the company.	- Equipping with adequate means of defence and alarm.	- Limiting mental effort to ensure worker comfort.		- Limiting mental effort to ensure worker comfort Limiting mental effort to ensure worker comfort.		- Permanent.	Work place leaders.
		- Earthquake.		- Drawing up the disaster response plan and training workers on their tasks and the behaviour to adopt in special situations, training on how to act in the event of a natural disaster..				- Permanent.	- Director Environment, Protection and Security Division; - Head of Security Protection and Emergency Situations Service;
		- Visual fatigue when working with video terminals.		- The necessary adjustments will be made in relation to the requirements of the workload, environmental conditions and individual anthropofunctional and psychophysiological characteristics; - Mainly adjust: screen brightness, contrast between characters and background, screen position (height, orientation, tilt); - Height and inclination of the document holder; - Height of work table (if adjustable); - Height of the seating surface of the seat, inclination and backrest height of the seat; - Alternating activities, eye gymnastics.		- Periodic occupational medical check-up of workers according to GD 355/2007.		- Permanent.	- Work place leaders; - Workers
		- Falling to the same level by slipping, tripping over extension cords, ergonomic chair legs, etc.	- Marking of thresholds with safety sticker strips on the ground.	- Proper storage of materials and adequate space on access routes;				- Permanent.	- Work place leaders.
		Physical and verbal aggression when travelling in the field.		- Training on how to approach, communicate and resolve possible conflicts in the contexts created by the nature of the activity.				- Permanent.	- Work place leaders.
	Risk-sensitive groups: pregnant women. Static exertion - prolonged fixed positions - musculoskeletal disorders; Airborne microorganisms - major risk of contamination during pregnancy;	-The necessary technical and organisational measures will be provided to prevent exposure of pregnant employees to risks that may affect health and safety in accordance with the provisions of GEO no.96/2003 - on maternity protection at work.	- Informing employees about workplace risks and measures provided for by GEO no.96/2003.		- Pregnant employees may not be forced to perform a workload that is harmful to their health or pregnancy.	- Carry out an assessment of the risks to which pregnant women may be exposed in the workplace, determine the measures to be taken for WHS. - Verification of the working conditions of employees under the conditions laid down by the implementing rules of GEO	- Within the time limits laid down by the implementing rules of GEO no.96/2003.	- Head of Occupational Safety and Health Service; - Work place leaders.	

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	TRANSGAZ HEAD OFFICES	Mental stress overload; Manual handling of masses.					no.96/2003		
		Contamination with respiratory viruses and other microbial germs at the workplace.	<p>-Workers regularly disinfect their office surfaces and objects they touch (desk surface, keyboard, telephone, etc.) and the work space with an alcohol-based solution;</p> <p>- Soap and hand sanitizer will be provided in restrooms, locker rooms and dining rooms;</p> <p>-The workplace heads will carry out an observational triage of employees and will not allow employees with symptoms of respiratory infection (coughing, sneezing, rhinorrhoea, fever, altered general condition) to be allowed at the workplace;</p> <p>-The premises will be daily cleaned as usual and disinfected by own means as necessary;</p> <p>- The ventilation of the rooms will be carried out regularly.</p> <p>Disinfection of air-conditioning systems will be carried out according to the manufacturer's instructions;</p>	<p>- All instructions provided by the employer in the Prevention and Protection Plan and Own Occupational Safety and Health Instructions will be complied with;</p> <p>- Workers must comply with the following rules:</p> <ul style="list-style-type: none"> • hand washing with soap and water for at least 20 seconds or with approved disinfectants as often as necessary; • Avoid touching the face, eyes, nose and mouth with unsanitized hands; • Cover the mouth and nose when sneezing or coughing, in the elbow or paper tissue, which must be immediately thrown into the trash; • Frequently (at least once a day) ventilate the indoor space in which they work; • Avoid crowded areas; • Avoid contact with people who are suspected of having acute respiratory infections and other infectious diseases; <p>-Employees with respiratory infection symptoms (rhinorrhoea, coughing, shortness of breath, sneezing, altered general condition) will not come to work in order to protect their colleagues and to avoid transmission of the infection within the company with the emergence of outbreaks. It is recommended to contact the family doctor and avoid medication without medical advice;</p> <p>-Employees who have symptoms of respiratory infection (rhinorrhoea, coughing, shortness of breath, sneezing, altered general condition) at the beginning of or during working hours should immediately notify the workplace head, be isolated from the rest of the employees and sent home, with a recommendation to contact the family doctor.</p> <p>-Train all workers in occupational safety and health as often as necessary;</p> <p>Informs employees, primarily by electronic means, of the infection risks and the spread of viral infections with respiratory transmission and other microbial germs, and of the protective measures to be applied at the workplace;</p> <p>-The employer shall identify the risks specific to epidemiological contamination conditions and update the risk assessment document for the safety and health of employees to the new conditions of operation;</p> <p>-The employer ensures the continuation of remote work whenever possible.</p>			<p>-Conclusion of contracts with specialised companies on disinfection.</p> <p>-Purchasing of hygiene material and protective equipment (disposable masks)</p> <p>Purchasing of chlorine-based disinfectant, alcohol-based disinfectant with biocidal effect; sanitary bags; disinfectant dispensers,</p> <p>-Programming of workplace hygiene training.</p>	<p>-Within the deadlines set by the rules for the application of specific regulations.</p>	<p>- Director of Environment, Protection and Security Unit;</p> <p>- Head of Occupational Safety and Health Department;</p> <p>- Administrative Management Unit;</p> <p>- Workplace heads;</p>
2.	Valea Lunga Warehouse and Botorca Warehouse	-Driving, parking in dangerous areas - on the vehicles route in the facility's yard or while performing work duties;		<p>-Using of all the available warning means;</p> <p>-Emphasizing the importance of compliance with road traffic regulations during the work protection training;</p> <p>-Compliance with the speed limit;</p> <p>-Carrying out of the roadworthiness tests within the set deadlines.</p>		-Regular medical check-up of employees according to GD 355/2007.		- Permanently	-Head of warehouse ; -Director of Supply and Transport Unit.
3.	Valea Lunga Warehouse and Botorca Warehouse	-Physical effort - repeated bending and lifting, hard-to-reach places in twisted positions, waste evacuation, etc;	- Equipping with lifting equipment (hand trolley, giraffe crane, forklift, etc.).	<p>-Training of workers on the consequences of risks caused by physical effort;</p> <p>-Regular medical check-ups in accordance with legal provisions.</p>		-Regular medical check-up of employees according to GD 355/2007.		- Permanently	- Head of Valea Lunga and Botorca Warehouse.

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4.	Occupational health and safety training office.	Failure to carry out the Occupational Health and Safety training in optimal conditions.		-Training and testing materials in the field of OHS			-Purchase of booklets, books, magazines, DVDs with specific OHS informations.	-31.03.2023	- Director of Environment, Protection and Security Unit; - Head of Occupational Safety and Health Department;
ANNEXES									
0.	1.			2.	3.				
1.	PREVENTION AND PROTECTION PLAN - CRAIOVA REGIONAL OPERATING CENTRE			ANNEX no. 1	REGISTRATION NO. ETCR 9159/18.11.2022				
2.	PREVENTION AND PROTECTION PLAN - MEDIAȘ REGIONAL OPERATING CENTRE			ANNEX no. 2	REGISTRATION NO. 4820/22.11.2022				
3.	PREVENTION AND PROTECTION PLAN – BUCUREȘTI REGIONAL OPERATING CENTRE			ANNEX no. 3	REGISTRATION NO. SSM 58/17.11.2022				
4.	PREVENTION AND PROTECTION PLAN - CLUJ REGIONAL OPERATING CENTRE			ANNEX no. 4	REGISTRATION NO. ETCJ 7906/15.11.2022				
5.	PREVENTION AND PROTECTION PLAN - EXPLOATAREA TERITORIALĂ BRAȘOV REGIONAL OPERATING CENTRE			ANNEX no. 5	REGISTRATION NO. ETBV 91504/18.11.2022				
6.	PREVENTION AND PROTECTION PLAN - EXPLOATAREA TERITORIALĂ BRĂILA REGIONAL OPERATING CENTRE			ANNEX no. 6	REGISTRATION NO. ETBR 3523/17.11.2022				
7.	PREVENTION AND PROTECTION PLAN - EXPLOATAREA TERITORIALĂ BACĂU REGIONAL OPERATING CENTRE			ANNEX no. 7	REGISTRATION NO. ETBC 4888/28.11.2022				
8.	PREVENTION AND PROTECTION PLAN - EXPLOATAREA TERITORIALĂ ARAD REGIONAL OPERATING CENTRE			ANNEX no. 8	REGISTRATION NO. 7675/24.11.2022				
9.	PREVENTION AND PROTECTION PLAN - EXPLOATAREA TERITORIALĂ CONSTANȚA REGIONAL OPERATING CENTRE			ANNEX no. 9	REGISTRATION NO. 4030/29.09.2022				
10.	PREVENTION AND PROTECTION PLAN – MEDIAȘ SUBSIDIARY			ANNEX no.10	REGISTRATION NO. SM 3423/18.11.2022				
11	GAS COMPRESSION DIVISION			ANNEX no.11	REGISTRATION NO. DCG 92711/23.11.2022				

NOTE: The measures included in the Prevention and Protection Plan result from the documents:

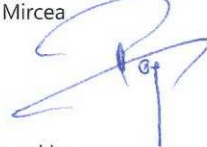
1. Risk assessments for each workplace/work station.
2. Study conducted with INCDPM "Alexandru Darabont" Bucharest on the topic "Determination of professional effort, evaluation of work capacity and professional tiredness to physical, neuropsychic and sensory demands. Assessment of workplaces and employees working in difficult, dangerous, hazardous or harmful conditions".
3. Certificates issued by INCD INSEMEX Petroșani for installations operating in potentially explosive environments.
4. Minutes/inspection reports issued during internal and external inspections.

DIRECTOR of LOGISTICS DIVISION

**ACTING DIRECTOR OF ENVIRONMENT, PROTECTION AND SECURITY UNIT
SINCU CLAUDIU GHEORGHE**



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Prepared by,
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