SEVESO PUBLIC INFORMATION TEXT

PART 1

1. Name of the operator and full address of the organization:

Title: POLİTEKNİK METAL INDUSTRY AND TRADE ANONİM ŞİRKETİ

Address Aydinli-Kosb Mahallesi Istanbul-Tuzla Kimya Sanayicileri Osb. Kristal Cadde No:2 Tuzla/ISTANBUL

2. Preparation of Safety Report:

The regulation known as SEVESO directive was published in the Official Gazette dated March 2, 2019 and numbered 30702 by the Ministry of Family, Labor and Social Services, the Ministry of Environment, Urbanization and Climate Change and the Ministry of Interior, taking into account the Council Directive dated 4/7/2012 and numbered 2012/18/EU.

Our organization is subject to the provisions of the "Regulation on Prevention of Major Industrial Accidents and Mitigation of their Effects". The notification specified in Article 7 of the Regulation was made using the notification system of the Ministry of Environment, Urbanization and Climate Change (BEKRA). Within the framework of BEKRA notification, our organization has been designated as a "high level organization". "Safety Report" has been prepared by our organization in accordance with Article 11 of the Regulation.

3. Activities carried out in our organization:

The establishment operates in Nace Code '20.13.90 - Manufacture of chemical elements, inorganic acids and compounds not elsewhere classified (metalloids such as chlorine, iodine, fluorine, boron, silicon, phosphorus, arsenic, scandium, mercury, oxides, hydroxides, hydrogen chloride, etc.). In this context, the facility produces surface treatment chemicals (powder and liquid) (for surfaces such as aluminum, plastic, zinc, zamak, iron, copper, etc.) and tin sulphate solution.

4. The chemicals and hazard characteristics of our organization within the scope of BEKRA are given below:

Known names, hazards and properties of substances in the organization that may cause a major accident (specified in Annex-1 Part 1 and 2)

Hazard Categories according to the Regulation on Classification, Labeling and Packaging of Substances and Mixtures published in the Official Gazette dated 11/12/2013 and biserial numbered 28848	**H CODES**
'H'- HEALTH HAZARDS	
H1 ACUT TOXIC	H310
´P'- PHYSICAL HAZARDS	
P8 OXIDISING LIQUIDS AND SOLIDS	H271
´E'- ENVIRONMENTAL HAZARDS	
E1 Harmful of aquatic environment	H410-H400

5. In event of a major accident, the following are the points to be done

In case of a major industrial accident, organization, internal/external resources, personal protective equipment, precautions and response methods for emergency response have been determined. Cooperation with emergency service units has been established.

Our organization conducts drills at least once a year to prepare for emergencies. All infrastructure preparations and teams have been established for the Emergency Action Plan and response. If you learn of an accident involving chemical products that may occur in our organization, please pay attention to the following information. In doing so, you contribute to your personal protection and effective response for all of us.

How can I be informed?

Police / gendarmerie / fire trucks

Speaker announcements, sirens

Radio and TV announcements

How can I recognize danger?

By visible signs (e.g. smoke, fire),

By smell,

Through body reactions such as nausea,

Eye irritation, headache, etc.

What should I do first?

Stay away from the accident scene,

Do not visit the accident site,

Do not go outside if you are in a nearby residential area,

Help people with disabilities and the elderly,

Help passers-by and, if necessary, invite them inside the building for protection,

Close windows and doors,

Switch off air conditioning and ventilation or windows and doors in the plant, office, home and car.

What should I do next?

▪ Follow the instructions of emergency and rescue services.

▪ Avoid open flames (e.g. cigarettes, lighting the stove, etc.) because of the possible risk of explosion.

▪ If you are informed by television or radio to leave the area you are in, leave the area you are in and move towards higher code areas and away from the accident scene.

What should I not do under any circumstances?

▪ Do not block fire and police/gendarmerie emergency phone numbers with unnecessary queries.

▪ Do not leave your location, walk or drive away until you are notified.

PART 2

1. Information on major industrial accidents that may occur in our organization:

Summary information on the scenarioed major accidents that may occur in our organization and measures to control them, and general information on major accident hazards, including their potential impacts on human health and the environment, are given below:

ACCIDENT SCENERIO	POTENTIAL IMPACT AND ACCIDENT OUTCOME	PRECAUTIONS FOR ACCIDENT SCENARIO
FIRE	● In case of fire, smoke and gases are generated beyond the factory premises, which can reach the neighborhood downwind. Combustion gases include combustion products carbon dioxide, carbon monoxide, nitrogen dioxide, different toxic gases, water vapor and soot. ● However, incompletely burned starting chemical gases may also be present. ● Impact on human health, property and the environment may occur. ● May create smoke clouds and ash dispersion causing respiratory problems. ● Overheating of adjacent areas may cause ignition of fuels elsewhere.	● Process hazard analyses (HAZOP analysis, DOW Fire and Explosion Hazard Index Analysis, SPHAR-H Human and Reliability Analysis, SIL Safety Integrity Level Analysis, etc.) are carried out in order to prevent major accidents in our organization. As a result of these analyses, precautions have been determined and the implementation phase has started. ● Fire extinguishing systems are available in our organization and periodically tested and controlled. ● Our emergency action plans and teams have been established and emergency response and fire training has been provided to the entire team. ● The fire brigade, police, radio and television will broadcast the necessary warning for the population.

EXPLOSION	● There may be damage to human health and surrounding property. ● The impact of the shock wave may directly affect people or damage structures. ● It may be possible to start a fire in another location affected by the explosion. ● In case of fire, smoke and gases are generated beyond the factory premises that can reach the neighborhood downwind. Combustion gases include combustion products carbon dioxide, carbon monoxide, nitrogen dioxide, different toxic gases, water vapor and soot. ● However, incompletely burned starting chemical gases may also be present. ● Impact on human health, property and the environment may occur. ● May generate smoke clouds and ash dispersion causing respiratory problems. ● Overheating of adjacent areas may cause ignition of fuels elsewhere	● Process hazard analyses (HAZOP analysis, DOW Fire and Explosion Hazard Index Analysis, SPHAR-H Human and Reliability Analysis, SIL Safety Integrity Level Analysis, etc.) are carried out in order to prevent major accidents in our organization. As a result of these analyzes, precautions were determined and the implementation phase started. ● An Explosion Protection Document was prepared within the scope of the "Regulation on the Protection of Employees from the Hazards of Explosive Atmospheres". ● Within the framework of the Regulation on Equipment and Protective Systems Used in Potentially Explosive Atmospheres (2014/34/EU), exproof equipment is available and maintained by authorized personnel. ● Emergency action plans and teams have been established and emergency response and fire trainings have been provided to the entire team. ● In case of a possible accident in our organization, measures have been taken within the framework of our Internal Emergency Action Plan coordinated with the authority. ● Emergency action plans and teams were established and emergency response and fire trainings were provided to the entire team. ● Fire brigade, police, radio and television will broadcast the necessary warning for the population.
RELEASE OF TOXIC SUBSTANCES	● Impacts associated with the release of toxic substances into the atmosphere may harm human health depending on the duration of exposure to the toxic cloud. ● Environmentally hazardous chemicals may be released inside the factory, causing environmental pollution in soil, water, etc. ● In case of fire, smoke and gases are generated beyond the factory premises that can reach the neighborhood downwind. Combustion gases include combustion products carbon dioxide, carbon monoxide, nitrogen dioxide, different toxic gases, water vapor and soot. ● However, incompletely burned starting chemical gases may also be present. ● Impact on human health, property and the environment may occur.	● There are precautions in equipment and tanks in order to prevent chemical gas formation in our organization, employees are experienced and trained in the use of materials. ● Process hazard analyses (HAZOP analysis, DOW Fire and Explosion Hazard Index Analysis, SPHAR-H Human and Reliability Analysis, SIL Safety Integrity Level Analysis, etc.) are carried out in order to prevent major accidents in our organization. As a result of these analyses, measures were determined and the implementation phase started. ● Our organization has measures such as tank pools, spill kits, etc. to prevent environmental pollution. ● Emergency action plans and teams were established and emergency response and fire trainings were provided to the entire team. ● Fire brigade, police, radio and television will broadcast the necessary warning for the population.

2. The organization has made adequate arrangements at the facility to deal with major industrial accidents and minimize their impact, including in particular contact with emergency services.

3. Cooperation was established with emergency services to respond to any major industrial accident.