

**INFORMATION ABOUT THE BY-LAW ON THE PREVENTION OF  
MAJOR INDUSTRIAL ACCIDENTS AND REDUCTION OF THEIR  
EFFECTS, ISSUED BY THE MINISTRY OF FAMILY, LABOUR AND  
SOCIAL SERVICES, MINISTRY OF ENVIRONMENT AND  
URBANISATION AND MINISTRY OF INTERIOR**

Our company has been carrying out its activities at the address of Yöre Mahallesi, Yöre Sokak, No:359 A/1 Kuyucak / Aydın under “Kuyucak Branch of Turcas Kuyucak Geothermal Power Generation” since 2018. Our company has been operating a power generation plant based on geothermal resources with an installed capacity of 18MW and continues its activities to expand this resource reservoir with a view to optimising the installed capacity.

In accordance with the “By-Law on the Prevention of Major Industrial Accidents and Reduction of Their Effects (“By-Law”)”, hazardous substances in the possession of our company have been declared through the notification system of the Ministry of Environment and Urbanisation and taking into account high-level company classification, the relevant Safety Report has been drafted as per Article 11 of the By-Law.

n-Butane is used as a raw material in our company. It is a highly reactive gas that is stored in liquefied form under pressure. In particular, when inhaled, this gas makes the respiratory passages vulnerable and is hazardous for the respiratory system. The aforementioned n-Butane chemical also poses danger considering its environmental effect.

In case of a major accident, Internal Emergency Response Plan is put into practice in order to efficiently manage the fight against the accident and minimise its adverse effects. To that end, relevant external units are notified and based on the Internal Emergency Response Plan, specific service groups are organised to introduce the initial and subsequent responses.

The most likely scenario is leaks and releases of gas under high pressure. On-going controls are carried out by gas detectors, flame detectors, systems to measure internal pressures in lines and other relevant automation systems. Maintenance and controls of the emergency response systems as well as the warning systems are ensured and followed-up.

In order to tackle major industrial accidents, our company has introduced and implemented “Internal Emergency Response Plan” to fight against the situations which may lead to such accidents. Under this “Internal Emergency Response Plan”, certain service groups have been identified; efforts have been made to conduct the coordination with the relevant parties (health care services, fire departments, Disaster and Emergency Management Presidency (AFAD) etc.) and sufficient regulatory measures have been taken to respond effectively within the company.