



# **Inventory of TMFs in Kazakhstan**

*Astana, November 7, 2018*

# Ensuring industrial safety at hazardous production sites

- Annual analysis of technological constructions of hazardous production sites - TMFs, sludge collectors of ore processing factories and metallurgic plants,
- proposals and recommendations on ensuring industrial safety for organisations with hazardous production sites.

# Results of the TMFs inventory

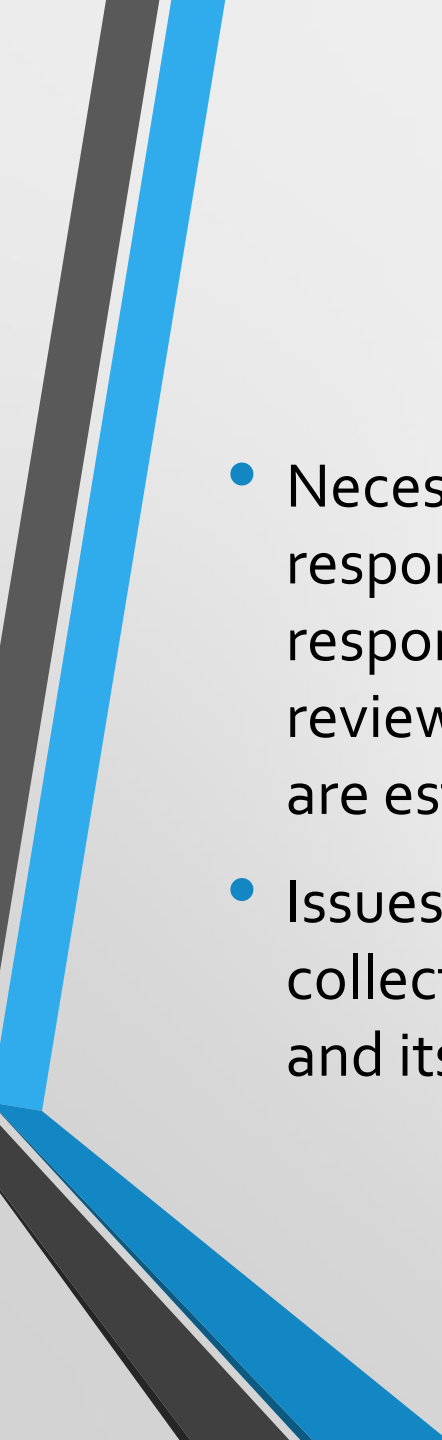
*Industrial safety supervision covers 105 technological constructions (TMFs, sludge collectors)*

*13 sites are temporary out of operation:*

- *TMF of Tekeliyskiy Mining and Processing Plant JSC; sludge collector # 1 of Ust-Kamenogorskiy Titanium and Magnesium Plant JSC;*
- *TMF of Berezovskiy ore dressing factory of Irtyshskiy Production Complex of "Vostoksvetmet" JSC;*
- *Marlushinskoye TMF of "GRK Ognevskiy GOK" JSC;*
- *TMF of "Dore" plant and TMF of Akbakaiskiy Mining and Processing Plant of "AK Altynalmas" JSC;*
- *two TMFs and Borgez-Sai collector pond of Jezkazganskaya ore dressing factory ## 1, 2, 3 of "Jezkazgantsvetmet" Production Association of "Kazakhmys" Corporation JSC;*
- *sludge collector of manganese ore dressing factory of Jomart Mine of "Jairemskiy" Mining and Processing Plant JSC;*
- *TMF of "Tiolain" JSC;*
- *TMF # 2 of the Steel Department and the old TMF of "Vostochnaya" ore dressing factory of ore dressing factory of Arselor Mittal Temirtau JSC;*

# Results of the TMFs inventory

- **2** TMFs are moth-balled (*Chashinskoye TMF of Ridderskiy Mining and Processing Plant of "Kaztsink" JSC; evaporation field of Shantobe Mine of Stepnogorskiy Mining and Chemical Plant JSC*);
- **2** TMFs are decommissioned (*sludge collector # 1 of Kazakhstan Aluminium JSC; ash and sludge collector # 1 of the subsidiary of "TNK Kazkhrom" JSC*);
- **3** TMFs are moth-balled and managed by national and local executive bodies (*"Koshkar-Ata" TMF; Bayaldyrskoye TMF; Khantaginskoye TMF*).
- Such facilities are not present in the following administrative territorial units of the country: Astana, Almaty and Shymkent cities, Atyrauzskaya, Kyzylordynskaya and Zapadno-Kazakhstanskaya oblasts.

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- Necessary forces and means are available for emergency response at the technological constructions, emergency response plans and the list of high risk works are reviewed and approved, flood protection commissions are established annually.
  - Issues of ensuring industrial safety of TMFs and sludge collectors are under permanent control of the Committee and its territorial offices.



**Thank you for your attention!**