

Waste Management Program for “Dehqonobod Potash Plant” JSC

1. Purpose and Objectives

This Waste Management Program aims to ensure environmentally safe, efficient, and sustainable handling of industrial waste generated by “Dehqonobod Potash Plant” JSC. The main objectives include reducing waste, improving collection and management, minimizing environmental impact, and integrating circular economy principles.

2. Scope

Applies to all plant divisions: mining, processing, maintenance, administration, and service areas.

3. Waste Classification

- Industrial Waste – tailings, brine residues, mineral waste.
- Hazardous Waste – oils, filters, batteries, chemical containers, lamps.
- Domestic Waste – office paper, plastic, packaging materials.
- Recyclable Waste – metal, wood, plastic, glass, cardboard.

4. Waste Collection and Segregation

Color-coded bins are installed for each waste type. Employees receive regular training. Hazardous waste is stored safely and transported by licensed contractors.

5. Waste Transportation and Disposal

Industrial and hazardous waste is transported by certified companies. Non-hazardous waste goes to approved landfills or is sent to partner recycling firms.

6. Waste Reduction and Recycling

Reuse process water and brine, recover potassium chloride where possible, digitize documentation, and promote paperless operations.

7. Monitoring and Reporting

Monthly waste data is recorded. Quarterly audits are conducted. Annual environmental reports are submitted to “Uzkimkor” and the State Committee for Ecology.

8. Responsibilities

Environmental Unit – oversees implementation and reporting.

Production Units – ensure proper segregation and disposal.

Maintenance – manages used oils and filters.

Health & Safety – conducts awareness training.

Procurement – prioritizes eco-friendly materials.

9. Continuous Improvement

The program is reviewed annually. New technologies and employee incentive schemes will be introduced for waste reduction.

10. Compliance

Developed in accordance with the Law of the Republic of Uzbekistan “On Waste” (No. ZRU-754, 2021), Cabinet Resolution No. 330 (28.05.2021), and ISO 14001:2015 standards.

Approved by: Chief Environmental Engineer – “Dehqonobod Potash Plant” JSC

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