



Water Footprint Verification

Verification Opinion Statement

This is to verify that:

Kazan Soda Elektrik Uretim A.S

Mulk Kume Evleri 1. Cadde No:122 Yenikent

Sincan / Ankara, 06946, Turkey

Coordinates: Latitude: 40,108 – Longitude: 32,505

Holds Statement No: **WfV 717437**

WATER FOOTPRINT DETAILS

Reporting Year(s): 01/01/2019-31/12/2019
Date of Water Footprint Report: 10th November 2020

FACILITY VERIFICATION DETAILS

Proportion of facilities inspected during the verification? 100%

OPINION - verified:

BSI Group Eurasia Certification Services Inc has conducted a verification of the direct water footprint reported by *Kazan Soda Elektrik Uretim A.S.* in its Water Footprint Report dated 10.11.2020 and presented above. On the basis of the verification work undertaken (see Annex 1) these data are fairly stated.

OPINION - verified with comments:

As a result of carrying out the verification of direct water footprint inventory, it is the opinion of BSI that

- The direct water footprint inventory was conducted in accordance with the requirements of ISO 14046:2014 Environmental Management – Water Footprint – Principles, Requirements and Guidelines.
- No material misstatements in this direct water footprint inventory.
- Data collection period: 01.01.2019- 31.12.2019

Data quality was considered acceptable in meeting the principles as set out in ISO ISO 14046:2014.

Lead Verifier :

Mehmet Kumru

Technical Reviewer :

Furkan Sadıkoğlu

Signed on behalf of BSI Group Eurasia

Certification Services Inc :

Yonca Çakır

Date of Opinion :

17.12.2020



ANNEX 1 - BASIS OF THE OPINION

VERIFICATION SCOPE

Kazan Soda Elektrik Uretim A.S
Mulk Kume Evleri 1. Cadde No:122 Yenikent
Sincan / Ankara, 06946, Turkey
Latitude: 40,108 – Longitude: 32,505

Reporting Water Footprint Results;

Water resource	Resource	Unit	Total
Camlidere Dam	Raw water	m ³ /year	5.856.323,70

Water consumption

Area of consumption	Water consumption	Unit
Mining (SUMP)	2.402.539,07	m ³ /year
Evaporation	3.497.207,30	m ³ /year
Discharged	76.650,00	m ³ /year

Pollutant Load;

Parameter	Pollutant flowrate	Unit
Chemical Oxygen Demand (COD)	4.139,10	kg/year
Biological Oxygen Demand (BOD)	1.016,38	kg/year
Suspended Solids (SS)	5.112,56	kg/year