



ISO 14046 Water Footprint Verification Report

Revision 0

INSTITUTE

Yorglass Cam San. Ve Tic A.Ş.

Audit Date : 26.05.2023

Audit Standart: ISO 14046:2014

Report Author

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10.06.2023

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Water Footprint Information

QSI has conducted a CDP verification of YORGLASS's Water Footprint Report, specifically focusing on the direct water footprint components, which comprise water consumption, water discharges, and water withdrawal.

Reporting Period : 01.01.2022 – 31.12.2022

Water Footprint Report Date : 31.05.2023

Organization Information : Yorglass, whose foundations were laid in 1974, leads the sector with its accumulation and experience in the fields of industrial glass processing and flat glass trade. Continuing its activities in line with its vision of being a fast, creative and solution-producing global brand, Yorglass serves national and international markets with its rich product portfolio.

In 1988, it established the first insulating glass facility in the Aegean Region. In 1989, it realized the first decorative glass production in Turkey. The company, which started its White Goods glass production facility in Bolu in 1989, accelerated its growth with the Yorim Gebze facility in 1995. Yorglass, who left the sector for a short time in 2003 with the sale of the White Goods Business Unit, established the Bolu White Goods business in 2012 with the demand from its customers and returned to the white goods sector.

Serving the white goods industry leaders, the company has proven the value it creates in customer satisfaction with the establishment of the Eskişehir factory in 2015 and the commissioning of its second factory in Bolu in 2017.

Until 2019, Glass Center Inc. Serving under the brand name of Yorsan, Yorim and Yorglas, the company renewed its corporate identity in its 45th year and gathered its brands and activities under the roof of Yorglass.

It started its Çerkezköy factory in 2020. Yorglass, which started its Washing Machine Cover factory in Manisa in 2022, as of today; Yorglass Ticaret, under the business units of Yorglass Satina, Yorglass Commercial Cooler and Yorglass White Goods, exports its products to nearly 60 countries, while performing it in seven facilities established in five different cities of Turkey.

Operational Boundaries : Yorglass Cam San. and Tic. A.Ş.'s water footprint inventory study covers the activities carried out in all departments in the following campuses.

- Yorglass Cam San. Ve Tic A.Ş. / İstanbul Head Office
- Yorglass Cam San. Ve Tic. A.Ş. / Home Appliances Bolu Plant
- Yorglass Cam San. Ve Tic. A.Ş. / Home Appliances Eskişehir Plant
- Yorglass Cam San. Ve Tic. A.Ş. / Food displays production Manisa Plant
- Yorglass Cam San. Ve Tic. A.Ş. / Satina Cam Manisa Plant
- Yorglass Cam San. Ve Tic. A.Ş. / Home Appliances Çerkezköy Plant
- Yorglass Cam San. Ve Tic. A.Ş. / Washing Machine Cover Manisa Plant

Approach : Gate to Gate

Methodology : ISO 14046 Water Footprint – Principles, Requirements and Guidelines

| Sources | Source Type | Place of use | Data Source |
|-------------------------|---------------|--------------|-------------------------|
| Freshwater | | | |
| Mains Water | Water network | Daily use | Theoretical Calculation |
| Drinking water | Third parties | Daily use | Theoretical Calculation |
| Discharged Water | | | |
| Domestic Waste Water | Domestic | Domestic | Theoretical Calculation |
| Industrial Waste Water | Industrial | Industrial | Theoretical Calculation |

Uncertainty

| Source | Uncertainty |
|------------------------|-------------|
| Water use | 3,00 % |
| Discharged Waste Water | --- % |

Direct Water Footprint Results;

| Facilities | Blue Water Footprint (m ³) | Green Water Footprint (m ³) | Gray Water Footprint (m ³) |
|---------------------------------|--|---|--|
| Satina Cam Manisa | 58.261,64 | 19.244,16 | 48.781,84 |
| Food displays production Manisa | 99.952,64 | 25.121,07 | 83.689,27 |
| Washing Machine Cover Manisa | 2.433,64 | 22.443,39 | 2.037,66 |
| Home Appliances Bolu | 178.666,34 | 18.574,44 | 187.356,15 |
| Home Appliances Eskişehir | 33.591,86 | 3.949,53 | 45.937,58 |
| Home Appliances Çerkezköy | 5.121,98 | 14.305,12 | 4.847,68 |
| Head Office Ofis | 332,81 | 16.539,04 | 2.995,25 |
| Total | 378.360,89 | 120.176,77 | 375.645,43 |

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