



EN ISO 9001:2015



EN ISO 14001:2015



EN ISO 45001:2018



ENVIRONMENTAL TECHNOLOGIES

CAPABILITIES AND SERVICES

Gesu Aritma Sistemleri SAN. ve TIC. LTD. STI.
BURSA LEATHER SPECIALIZED AND MIXED OIZ
Badirga Dist. 11 St. No:6 Nilufer, BURSA / TURKEY



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PROJECT DEVELOPMENT AND CONSTRUCTION

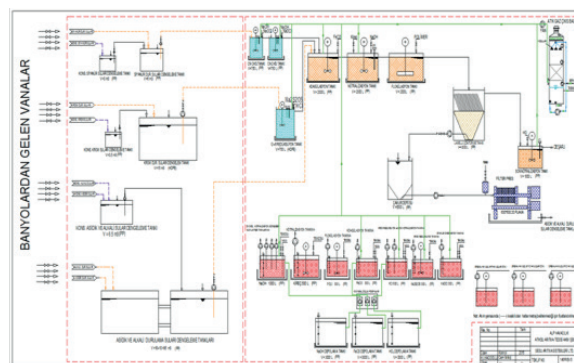
Laboratory Studies:

- 🌀 **Wastewater Flow Determination:** The flow rates of the company's wastewater are accurately determined through meticulous analysis.
- 🌀 **Inlet Water Pollution Analysis:** Comprehensive analysis of the pollution levels in the inlet water is conducted to ascertain its composition and characteristics.
- 🌀 **Process Design:** The design of the treatment process is meticulously crafted based on the data derived from the analysis, ensuring optimal efficiency and effectiveness.
- 🌀 **Chemical Treatment Jar Test:** Rigorous jar tests are conducted to assess the efficacy of chemical treatments, ensuring the selection of the most suitable treatment method.
- 🌀 **Heavy Metal Analysis:** In-depth analysis of heavy metal content is conducted to evaluate potential environmental risks and ensure compliance with regulatory standards.



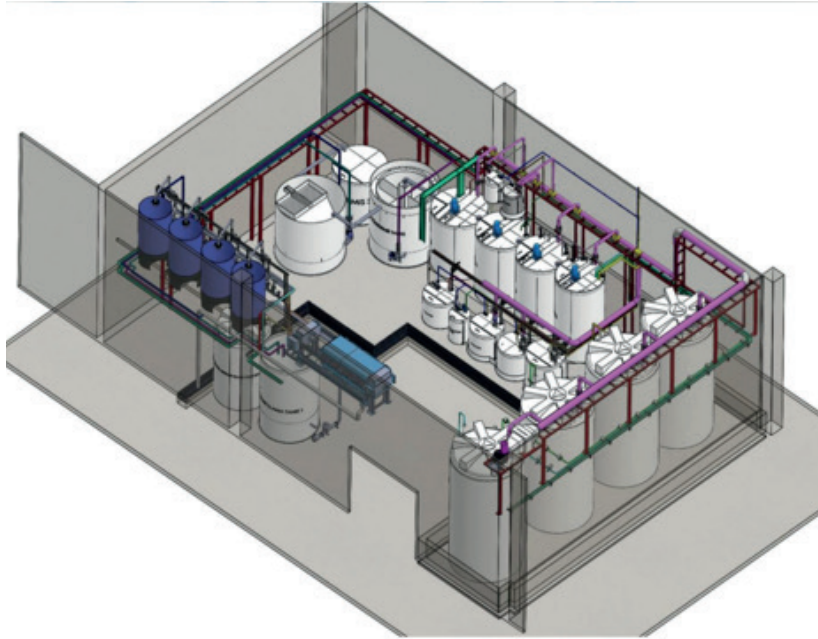
Process Design and Engineering:

- 🌀 **The process design** is meticulously crafted in alignment with the findings obtained from laboratory analyses, ensuring precision and effectiveness.
- 🌀 **Flow Chart and Piping and Instrumentation Diagram (P&ID):** Comprehensive flow charts and P&IDs are meticulously prepared, providing a detailed visual representation of the treatment process and its intricate components.
- 🌀 **Subunit Referral:** Projects are subdivided and referred to respective subunits, facilitating efficient management and execution of tasks within the larger framework of the project.



Project Planning:

In alignment with the comprehensive flow chart, facility layout, and piping specification, our team utilizes cutting-edge technology, including SolidWorks and AutoCAD programs, to intricately craft detailed 3D models. These advanced tools empower us to visualize every aspect of the project with unparalleled precision, ensuring seamless integration and optimal functionality. Through thorough planning and innovative design, we pave the way for the successful execution of our project, setting new standards of excellence in the industry.



Manufacturing:

- All necessary equipment within the project scope is meticulously crafted within our state-of-the-art factory facilities.
- Once completed, the meticulously crafted equipment is then carefully transported from our factory to the designated construction site.



PROJECT PORTFOLIO

MUNICIPAL WASTEWATER TREATMENT ASHGABAT, TURKMENISTAN



CERTIFICATE OF COMPLETION

EMPLOYER	BUYSAN GURLUŞYK İNŞAAT VE MUTEAHHITLIK A.Ş
ADDRESS	HK DAŞOGUZ WELAWATY S. TURKMEN GORELDE GENEŞLIGI ASHGABAT, TURKMENISTAN
PHONE NUMBER	+933 65-383010
CONTRACTOR	GESU ARITMA SİSTEMLERİ SAN. VE TIC. LTD. ŞTİ.
ADDRESS	BADIRGA MH. 11. SK. NO: 6 BURSA, TURKIYE
PHONE NUMBER	+90 224 489 59 39
PROJECT NAME	10,000 CMD MUNICIPAL WASTEWATER TREATMENT PLANT EQUIPMENT AND ASSEMBLY INCLUDED TURNKEY PROJECT
PROJECT COST	12,150,000 USD
DELIVERY DATE	2014



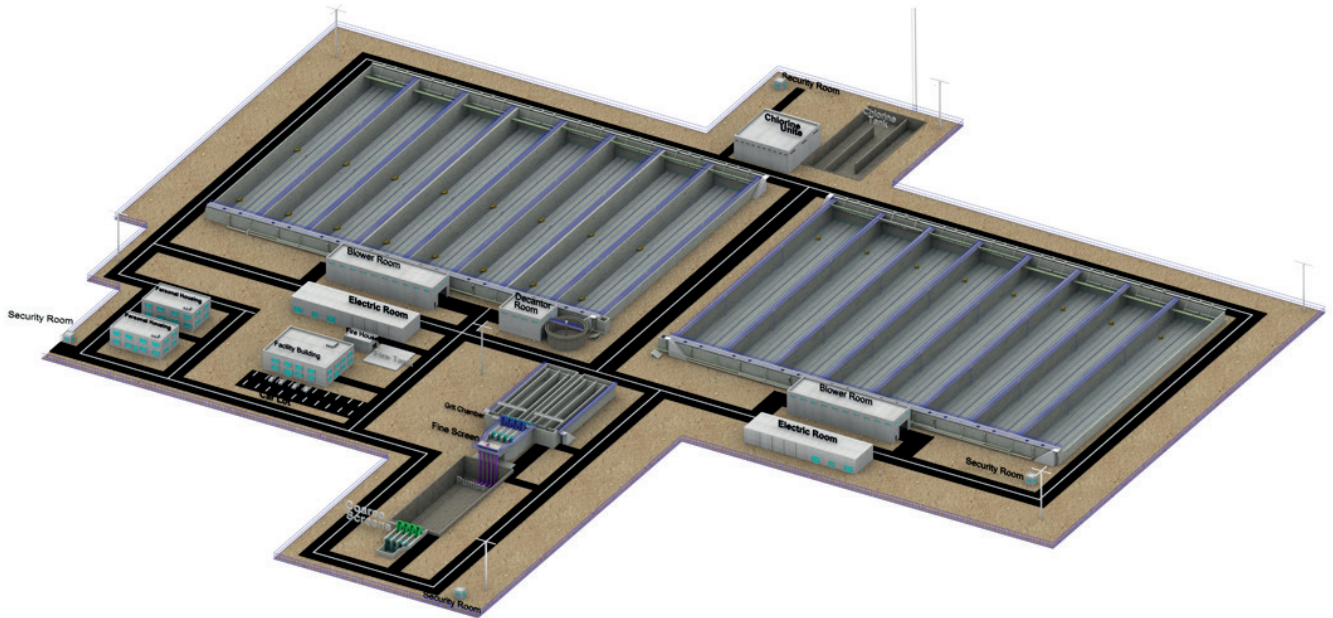




BAGDAD, IRAQ

CERTIFICATE OF COMPLETION

EMPLOYER	WAHAT AL GANOP CO.
ADDRESS	AL KARADAH, BAGHDAD, IRAQ
PHONE NUMBER	+079 0111 6375
CONTRACTOR	GESU ARITMA SISTEMLERİ SAN. VE TIC. LTD. ŞTİ.
ADDRESS	BADIRGA MH. 11. SK. NO: 6 BURSA, TURKIYE
PHONE NUMBER	+90 224 489 59 39
PROJECT NAME	120,000 CMD MUNICIPAL WASTEWATER TREATMENT PLANT EQUIPMENT AND ASSEMBLY INCLUDED TURNKEY PROJECT
PROJECT COST	32,000,000 USD
DELIVERY DATE	2012



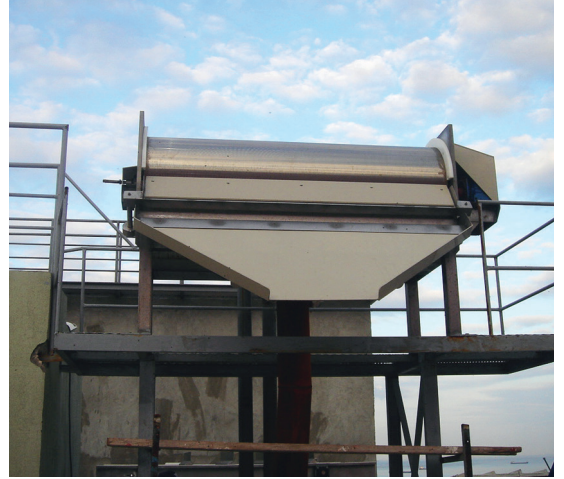
CEBU, THE PHILIPPINES

CERTIFICATE OF COMPLETION

EMPLOYER	WATERMATIC PHILIPPINES
ADDRESS	UNIT 1108, OAKRIDGE IT CENTER 2, OAKRIDGE BP FORTUNA ST, CEBU / PHILIPPINES
PHONE NUMBER	+63 917 572 1854
CONTRACTOR	GESU ARITMA SISTEMLERİ SAN. VE TIC. LTD. ŞTİ.
ADDRESS	BADIRGA MH. 11. SK. NO: 6 BURSA, TURKIYE
PHONE NUMBER	+90 224 489 59 39
PROJECT NAME	2,000 CMD WASTEWATER TREATMENT PLANT EQUIPMENT AND ASSEMBLY INCLUDED. TURNKEY PROJECT
PROJECT COST	785,000 USD
DELIVERY DATE	2020



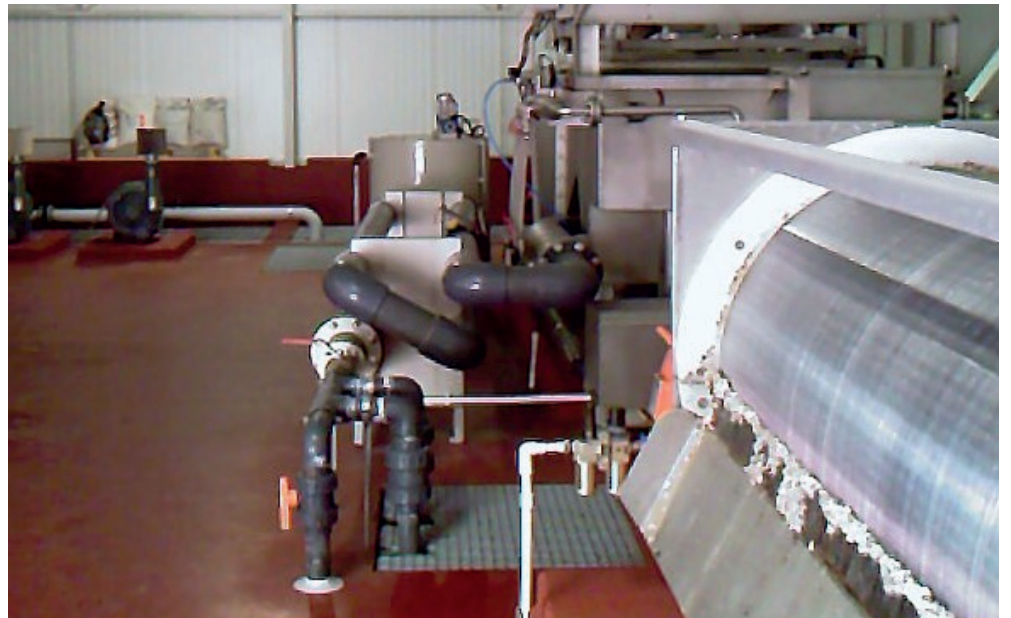
INDUSTRIAL WASTEWATER TREATMENT MEAT PROCESSING INDUSTRY BANVIT



COŞKUN ET



NAMET



METAL INDUSTRY AXOR UKRAINE



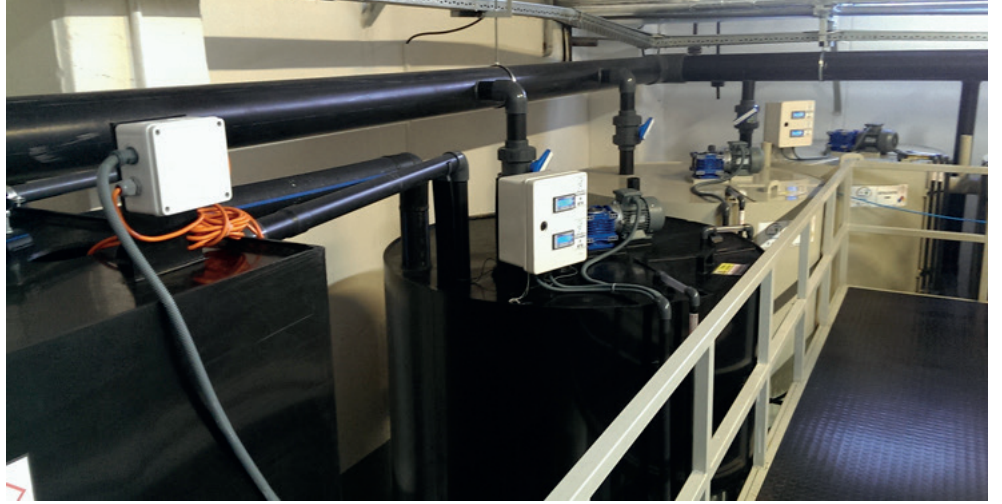
ANI METAL



MITAŞ GALVANİZ



MAYSAN MANDO



ALP HAVACILIK



ŞARA



EJOT TEZMAK



DAIRY INDUSTRY MKP SUT



TAT



GESU



ENVIRONMENTAL TECHNOLOGIES



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