



REFERANCE CATALOGUE 2024

Insides

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REFERANCE
CATALOGUE
2024

- 01 ——— About Us
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Main Fields Of Activity

- **Steel Industry (Melting Shop, Rolling Mill)**
- **Sea Water Treatment Plant**
- **Power Plants**
- **Oil&Gas Plants**
- **Petro Chemistry**
- **Greenhouse**
- **Food&Beverage Industry**
- **Textile**
- **Instut on Market**

**REFERANCE
CATALOGUE
2024**



Company Profile

ARC serves the industry in the field of Industrial water treatment since 2005. The head office is located in Adana and also has a branch office in Istanbul, Izmir and Antalya. ARC gives service, product and project solutions to other companies that has a role in water treatment field all over the Turkey.



Our Activities

REFERANCE CATALOGUE 2024

1. PURIFICATION OF TECHNICAL WATER

Water Facilities VTP

Steel Mill

Rolling Mill Separation Plant

Nitrogen Cooling Systems

Circulating Systems With a Closed

Loop Oxygen Plants Systems

Dosing and Conditioning

Chemicals Systems

Automation Systems

2. TREATMENT OF INDUSTRIAL WATER

Sand Filter

Carbon Filter

Water Softening Systems

Ultrafiltration Systems

Reverse Osmosis

EDI Systems

Dosing Systems

Automation Systems

3. WASTEWATER TREATMENT

Classic Processing Systems

Active Sludge Chemical Systems

Wastewater Treatment Systems

MBR Systems

Regeneration Systems

Sludge Dewatering Systems

Automation Systems

References



F&F STEEL



Bossa



References



References



Turkey's Largest Demineralization Facility

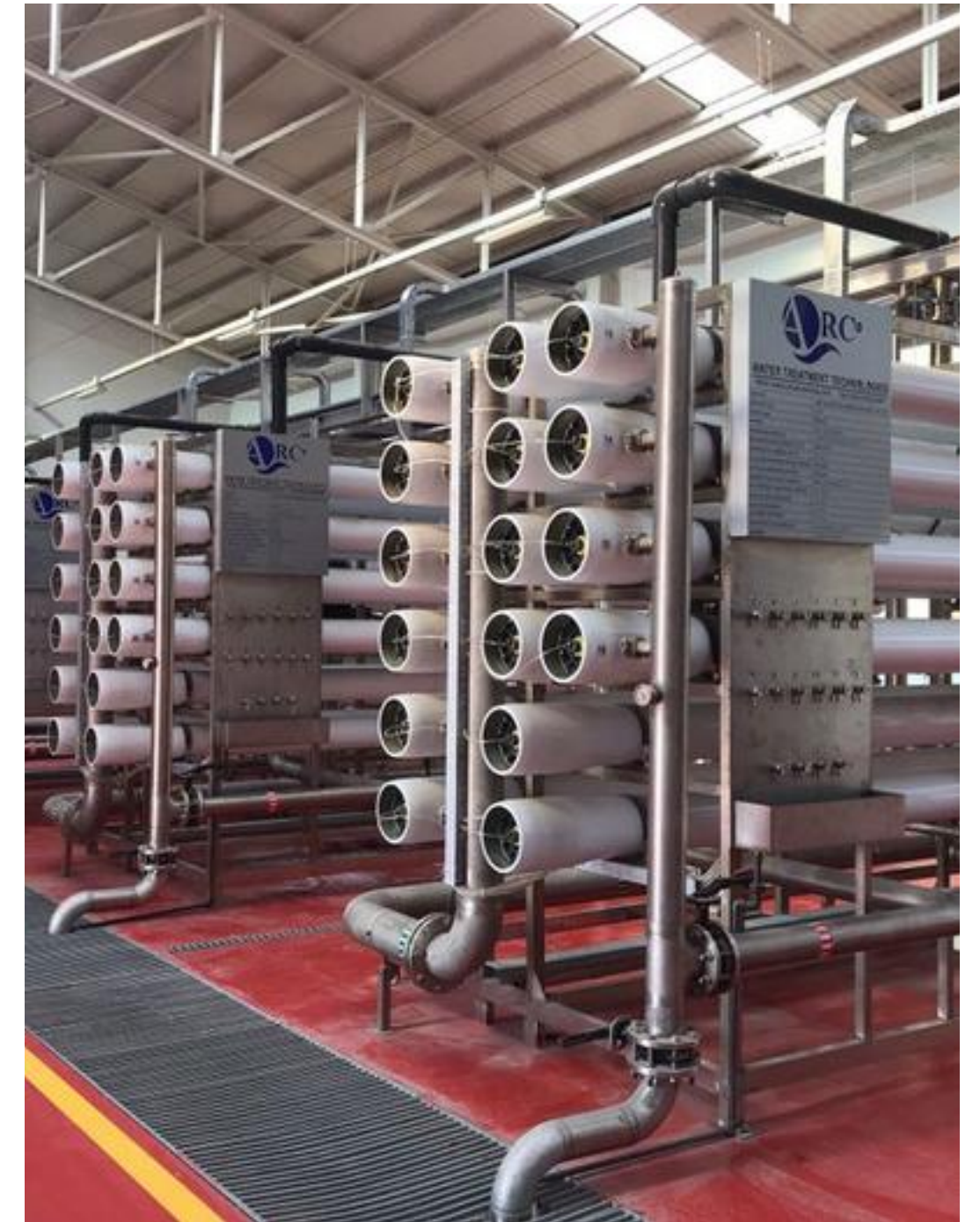
SASA
POLYESTER SAN. A.Ş.



ARC WATER TECHNOLOGIES

Turkey's Largest Demineralization Facility

SASA
POLYESTER SAN. A.Ş.

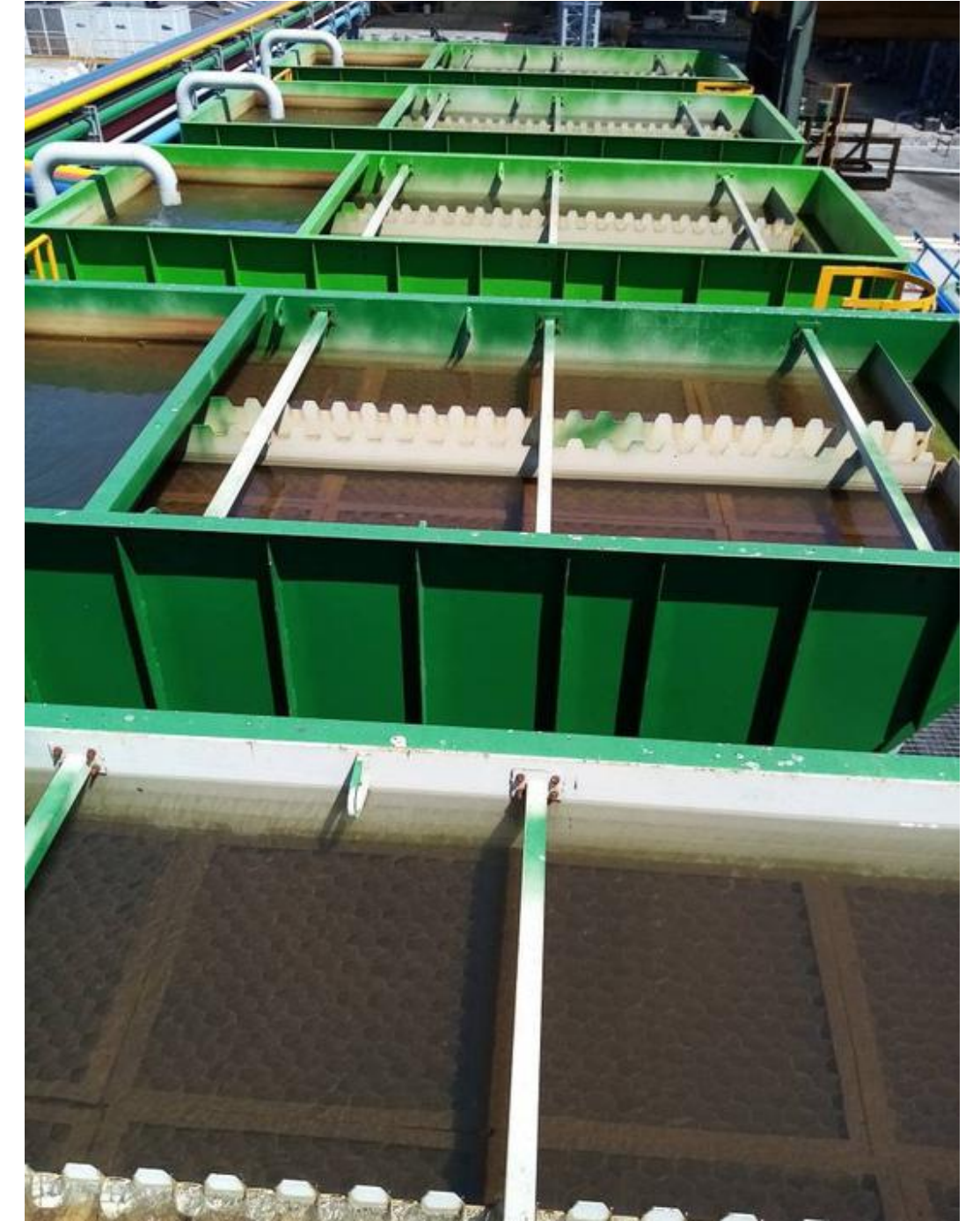


Mechanical Filter Unit	400 m³/h x 2 Unit	TOTAL 800 m³/h & 19200 m³/day
Ultrafiltration Unit	191 m³/h x 3 Unit	TOTAL 573 m³/h & 13752 m³/day
Reverse Osmosis System	149 m³/h x 3 Unit	TOTAL 447 m³/h & 10728 m³/day
Reverse Osmosis System	95 m³/h x 3 Unit	TOTAL 285 m³/h & 6840 m³/day
Electrical & Automation		

Water Facility



Water Facility



Mechanical Filter Unit

400 m³/h x 2 Unit

TOTAL 800 m³/h & 19200 m³/day

Ultrafiltration Unit

191 m³/h x 3 Unit

TOTAL 573 m³/h & 13752 m³/day

Reverse Osmosis System

149 m³/h x 3 Unit

TOTAL 447 m³/h & 10728 m³/day

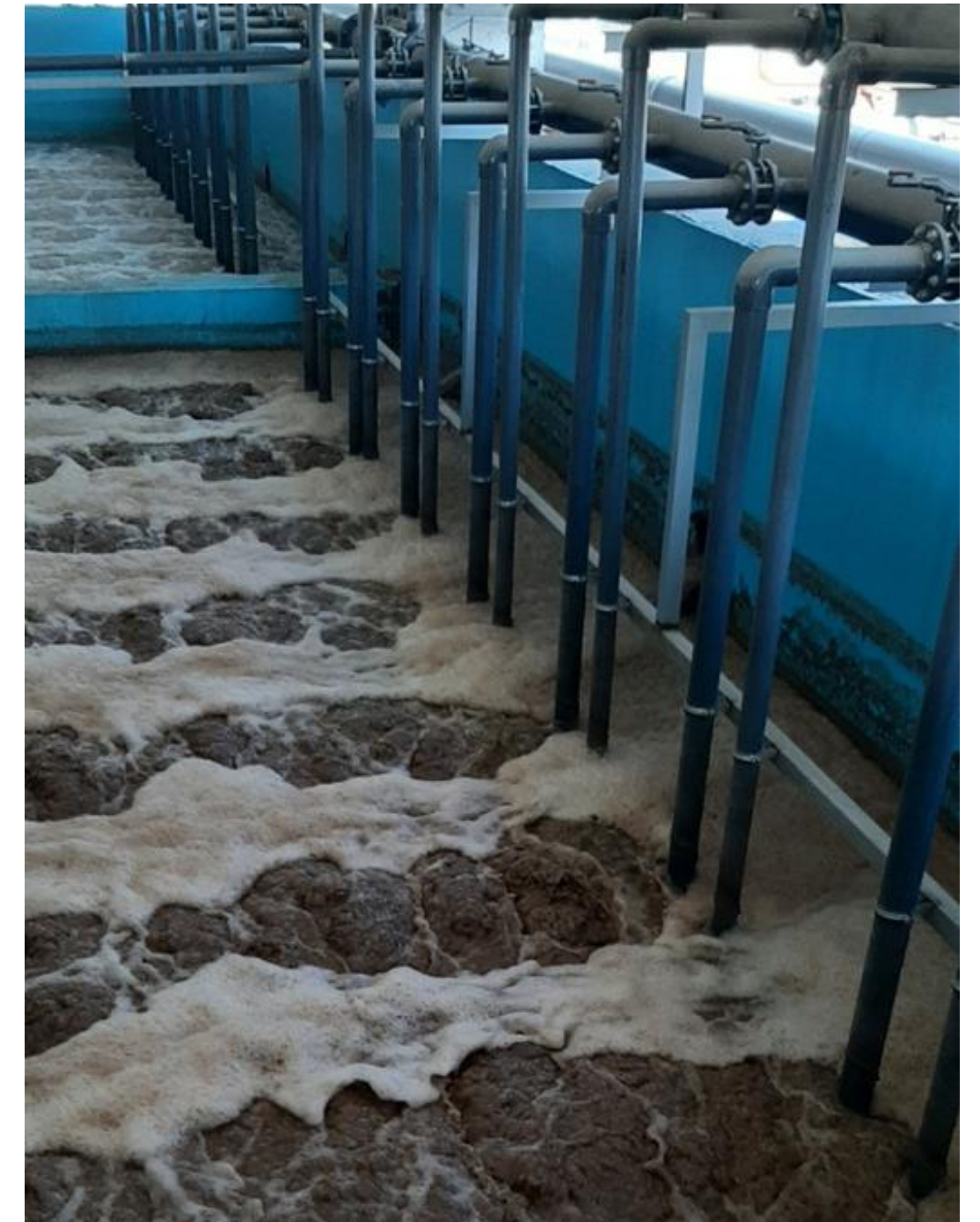
Reverse Osmosis System

95 m³/h x 3 Unit

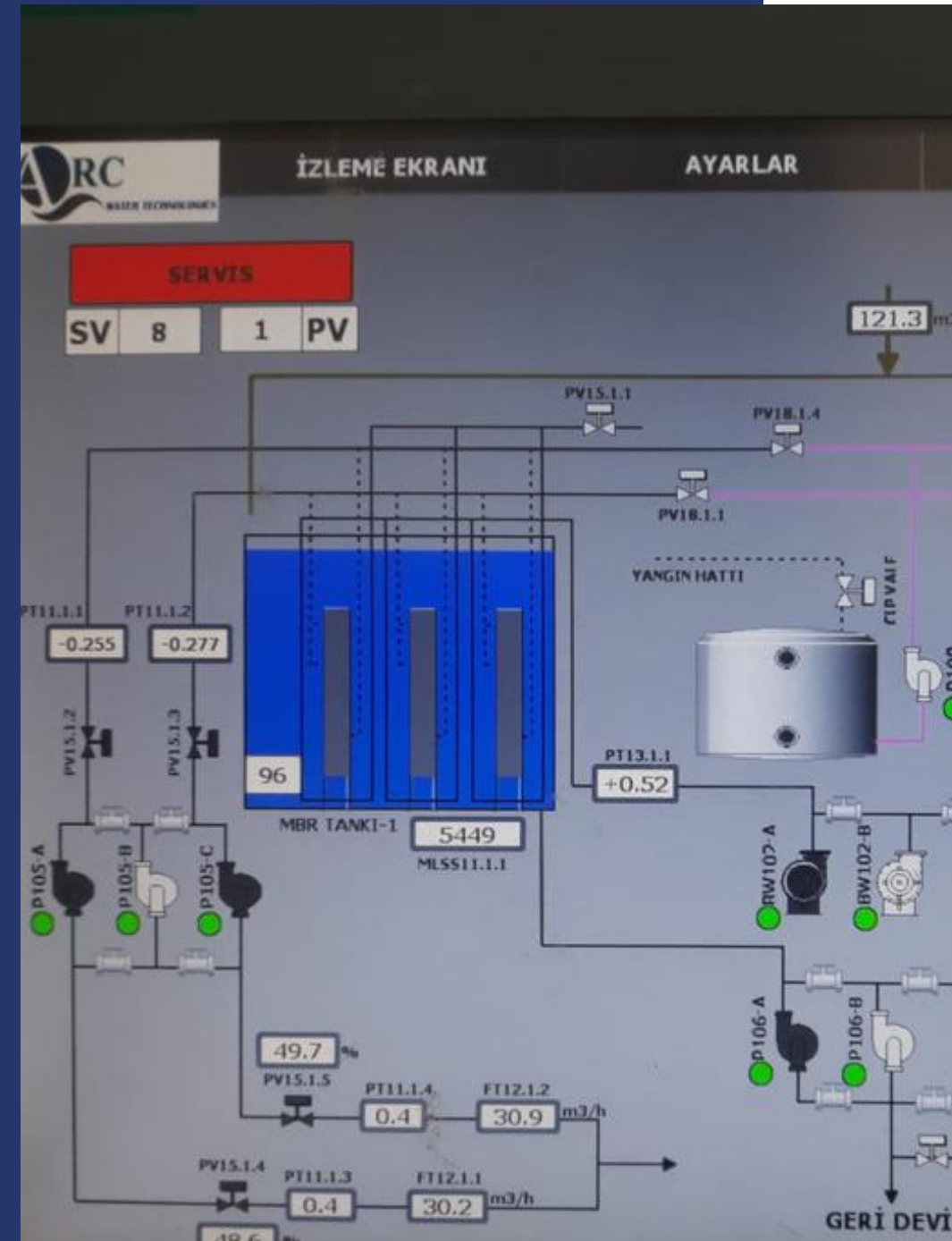
TOTAL 285 m³/h & 6840 m³/day

Electrical & Automation

Waste Water Treatment Plant



Waste Water Treatment Plant



- Drum Sleeve
- Blancing Tank
- Lamella Unit
- Aerobic Tank
- MBR Tank
- Sludge Thickener
- Sludge Dewatering Unit
- Electrical&Automation

Capacity :
3500 m3/day

Turn-Key Project

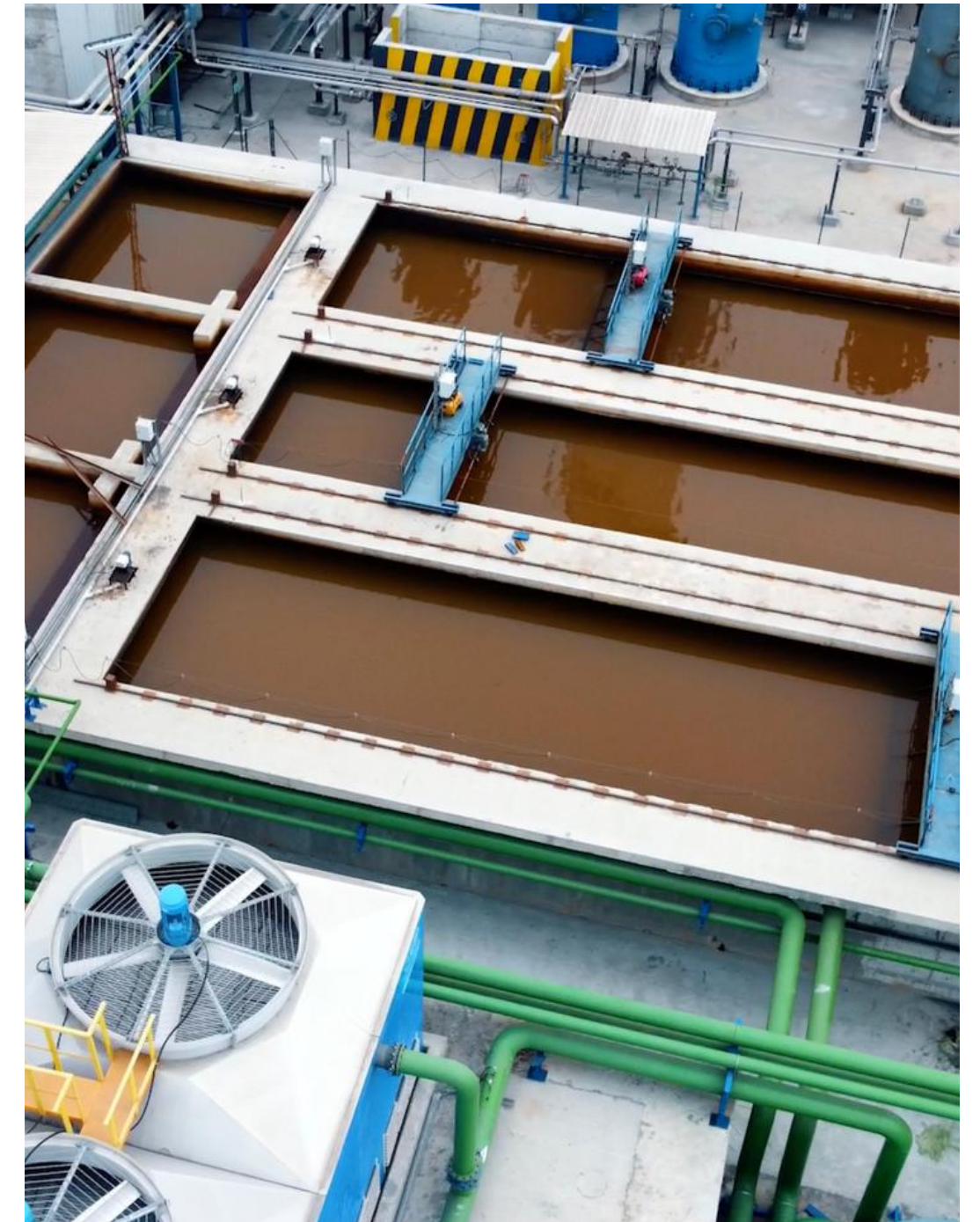


Turn-Key Project



- **Meltshop Indirect Cooling System**
- **CCM Direct Cooling System**
- **CCM Mould Cooling System**
- **E.M.S Cooling System**
- **Lamella Unit**
- **Pumps Hall**
- **Electrical & Automation**
- **Ultrafiltration Unit : 400 m³/h**
- **Reverse Osmosis Unit : 220 m³/h**
- **Activated Carbon Filter : 500 m³/h**
- **Scale Sedimentation Tank : 900 m³/h**
- **Linear Scraper : Q 8 m**
- **Thickener And FilterPress : Q 7 m**
- **Side Stream Filters : 450 m³/h**
- **Tufal Filters : 600 m³/h**

Water Facilities Project



Water Facilities Project



- **Ultrafiltration System**
- **Reverse Osmosis System**
- **Filtration System**
- **Electrical & Automation**

Capacity :
11.000 m³/h



Mechanical Filter Unit	250 m³/h x 1 Unit
Ultrafiltration Unit	140 m³/h x 1 Unit
Reverse Osmosis System	60 m³/h x 2 Unit
Reverse Osmosis System	48 m³/h x 2 Unit
Sand Filter	80 m³/h x 1 Unit
Softening System	80 m³/h x 1 Unit

TOTAL 140 m³/h & 3360 m³/day

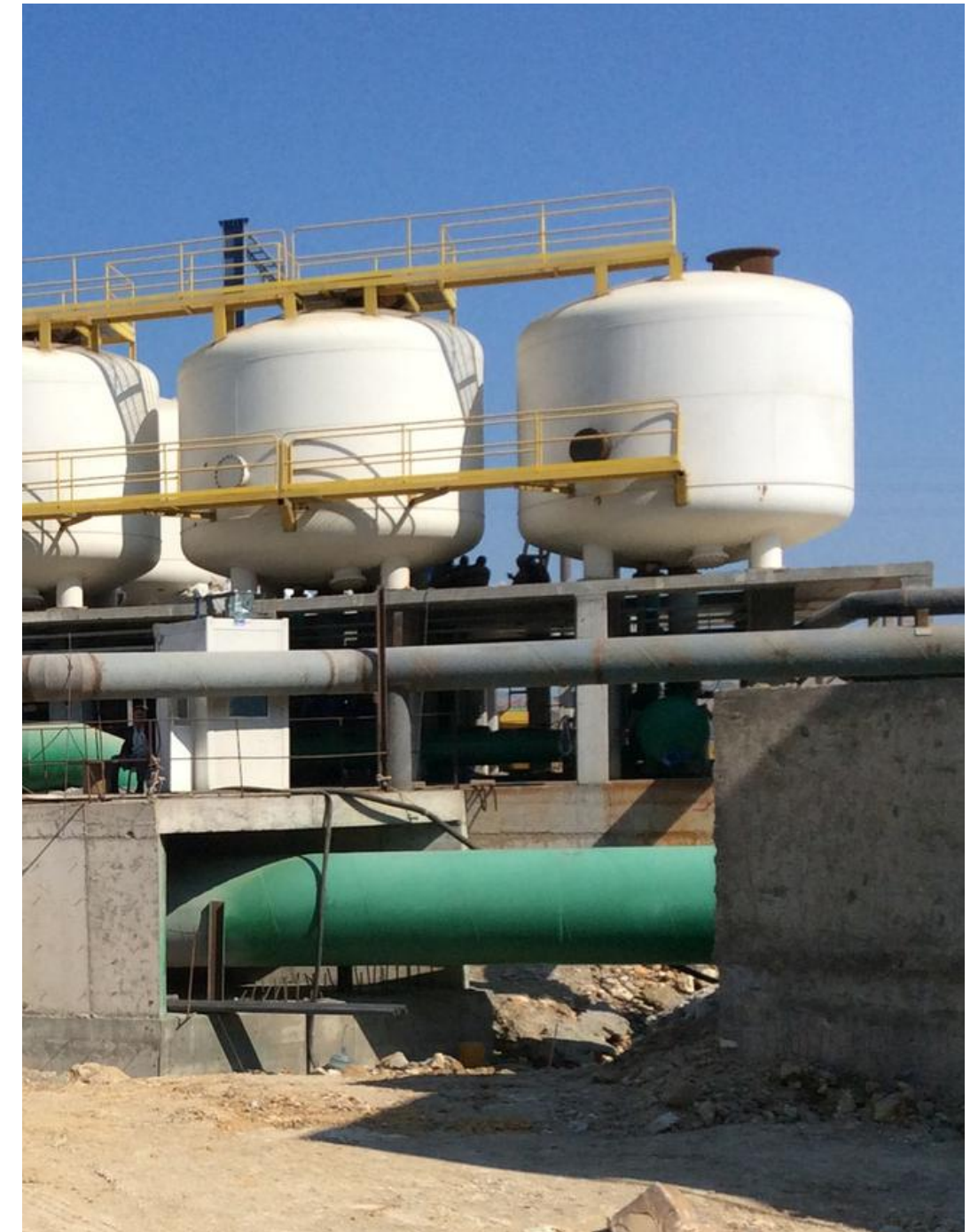
TOTAL 120 m³/h & 2880 m³/day

TOTAL 96 m³/h & 2304 m³/day

TOTAL 80 m³/h & 1920 m³/day

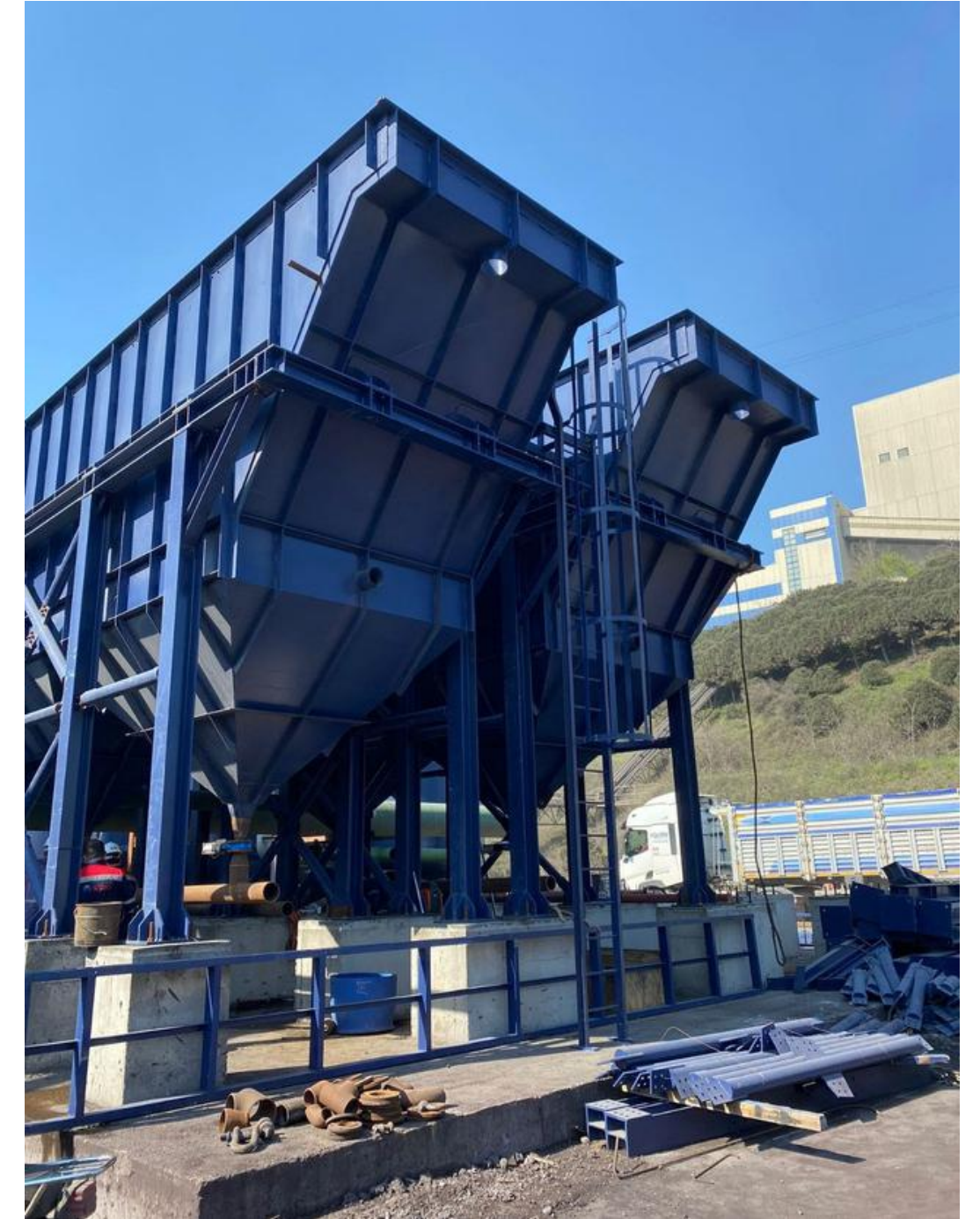
TOTAL 80 m³/h & 1920 m³/day

Steel Plant Facility



- **Filtration System** **15.700 m³/h**
- **Chemical Dosing Units
and Chemical Treatment**
- **Ro+Pretratment** **100 m³/h**
- **Softening System** **700 m³/h**
- **Project Engineering &
Supervision**

EPC Project



Capacity : 4900 m³/day

Sand Filter : 144 m³/h - 9 Pieces



Capacity : 1300 m³/day

Turn-Key Water Facilities

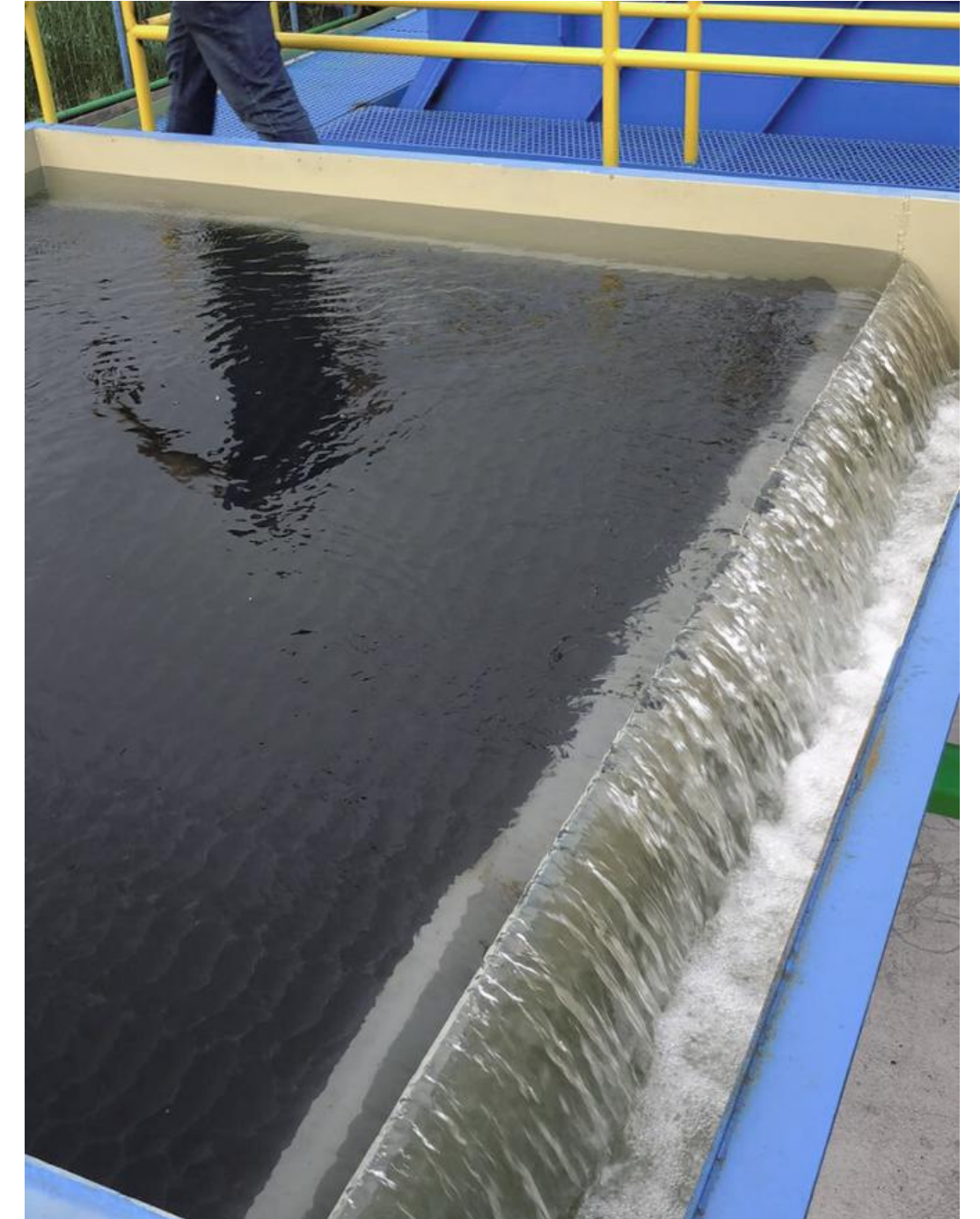


Turn-Key Water Facilities

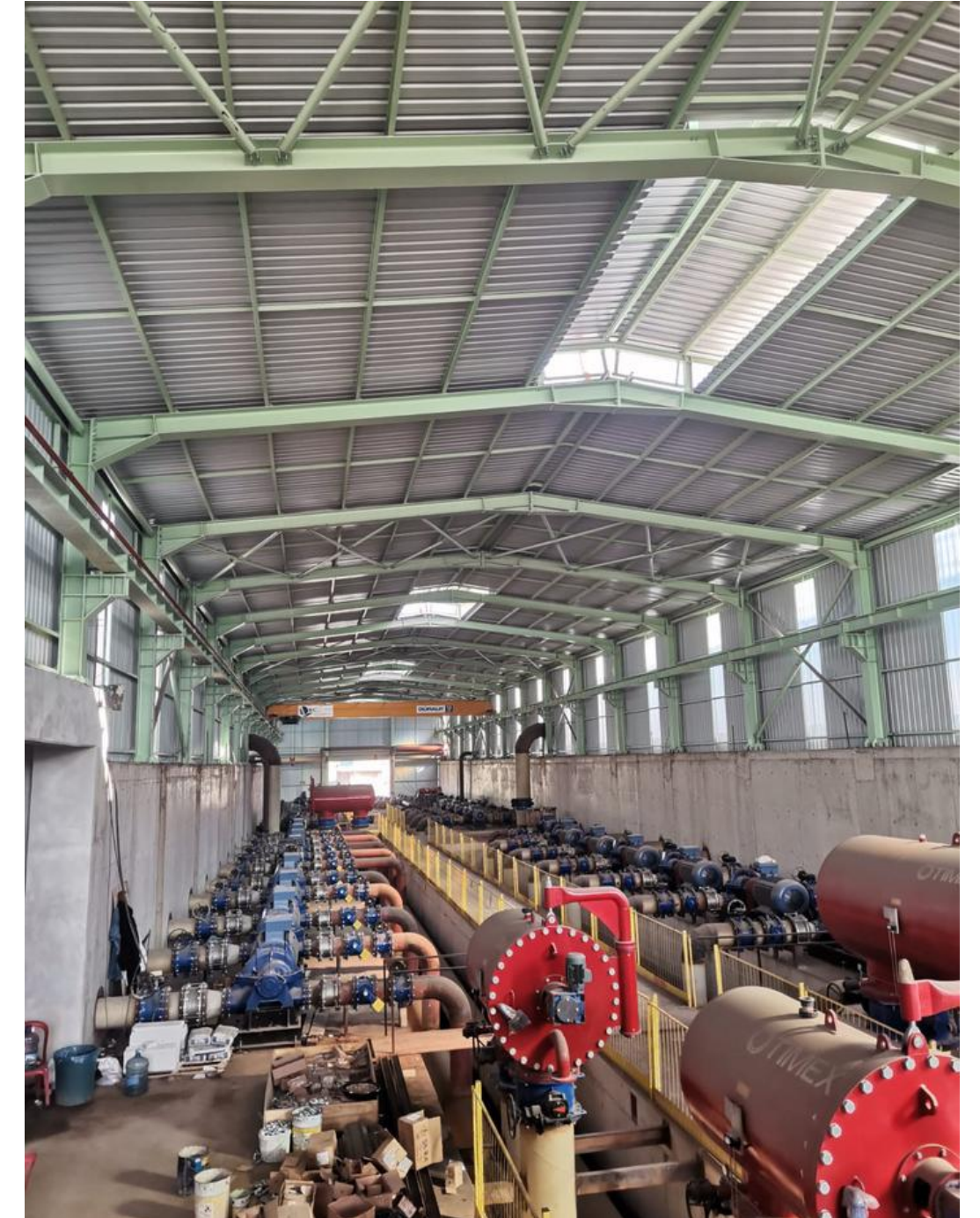


Turn-Key Water Facility





Turn-Key Water Facilities



Denim Washing And Pretreated WWTP Effluent Water



Capacity : 4000 m³/day

Aqaba Project



Capacity : 17.500 people / 3500 m³/day



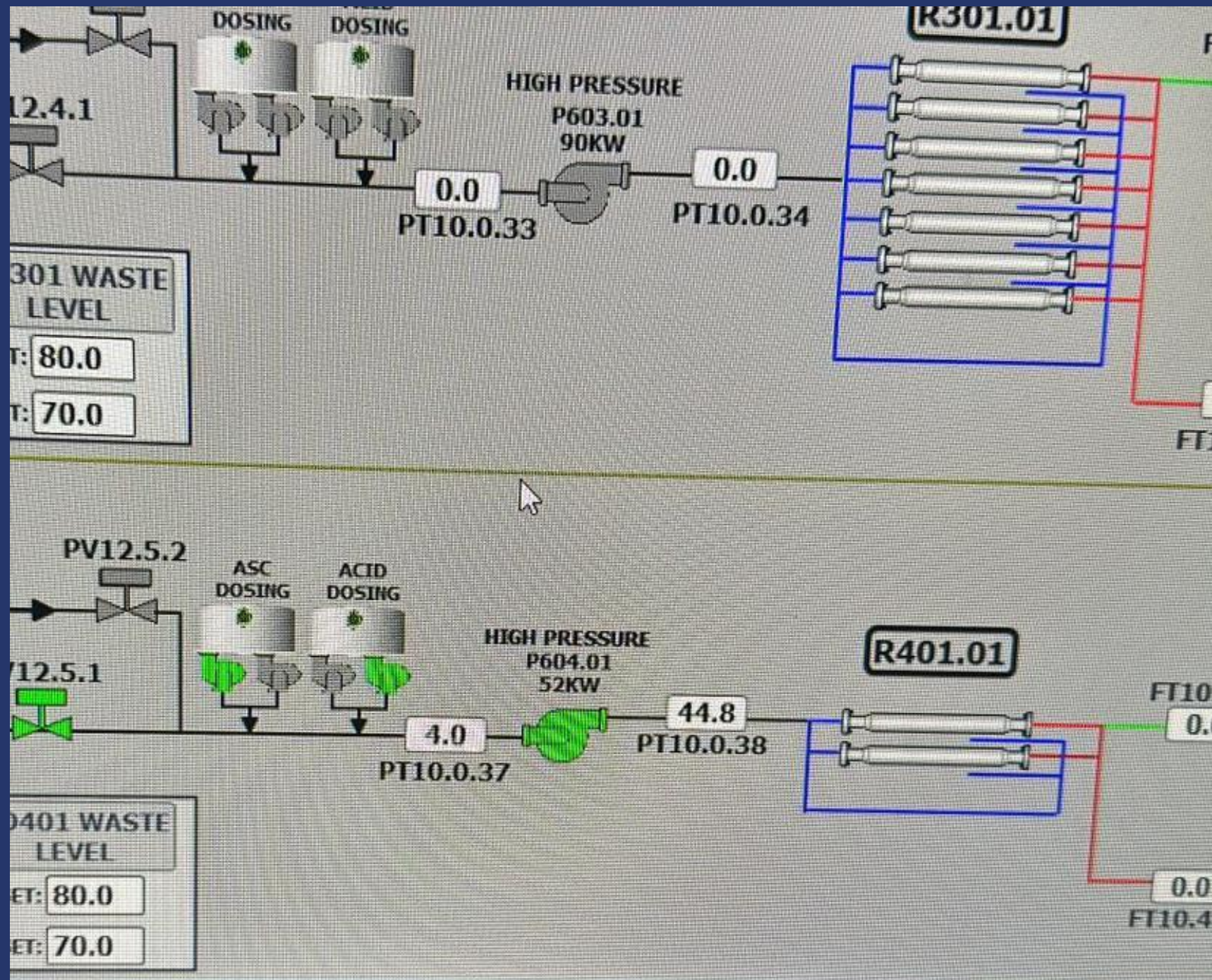
Zero Waste Project CF3



Capacity : 150.000 m³/day



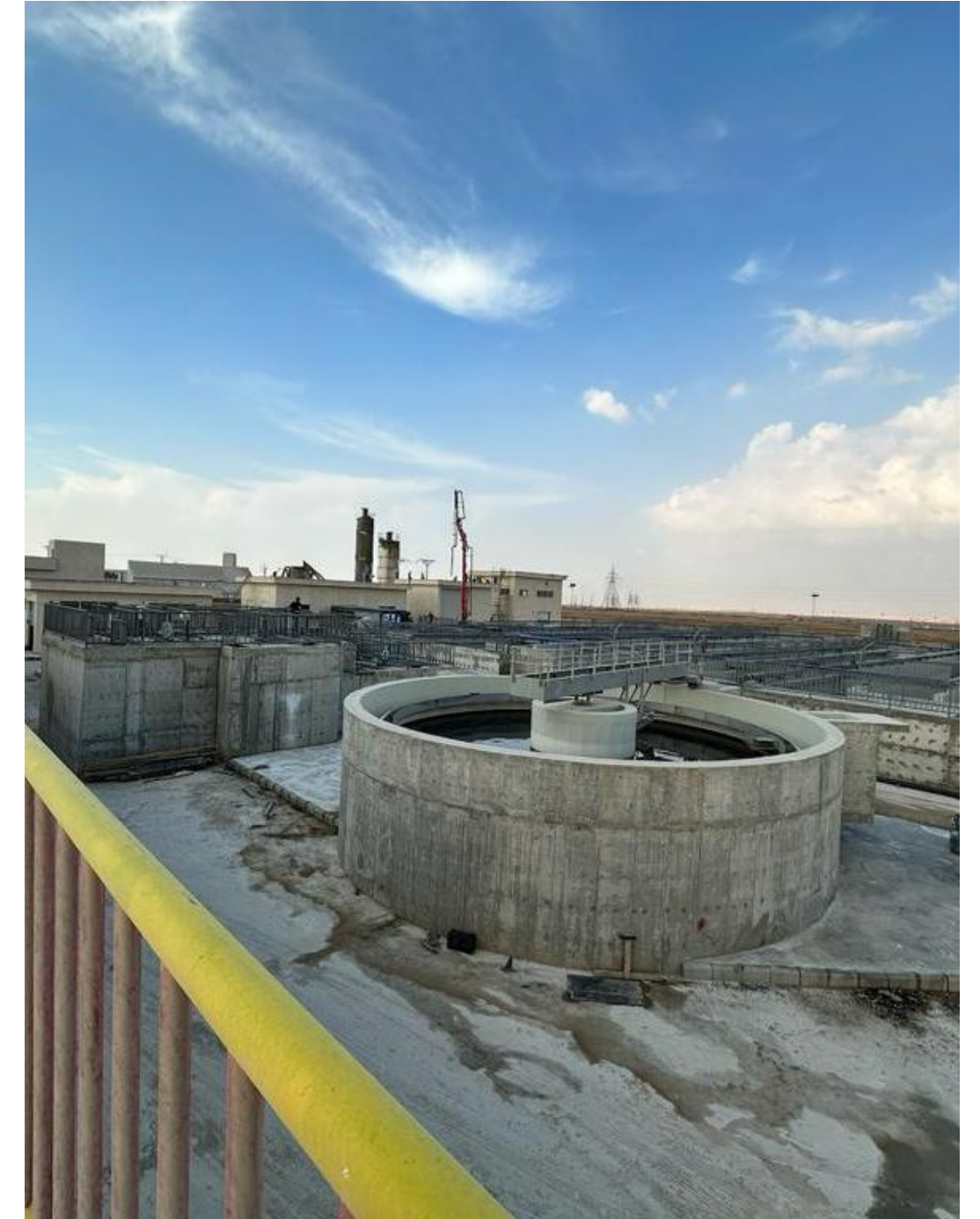
Zero Waste Project CF3



Capacity : 150.000 m³/day



Zero Waste Project CF3



Capacity : 150.000 m³/day

Steel Mill WTP



Steel Mill WTP



Steel Mill WTP



WTP Plant Project

 **TOSÇELİK** Algeria



 **ARC** WATER
TECHNOLOGIES

WTP Plant Project

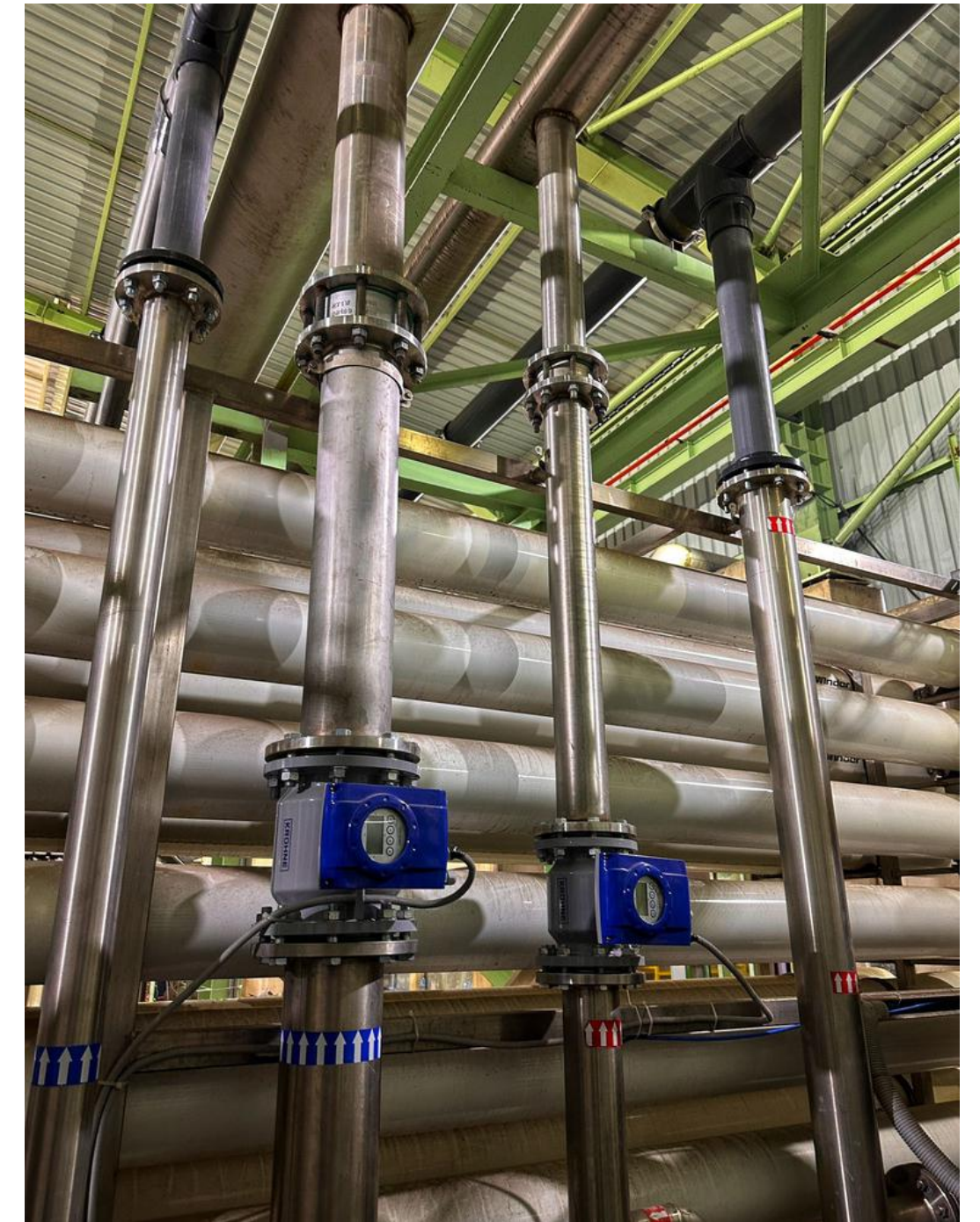
 **TOSÇELİK** Algeria



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WTP Plant Project

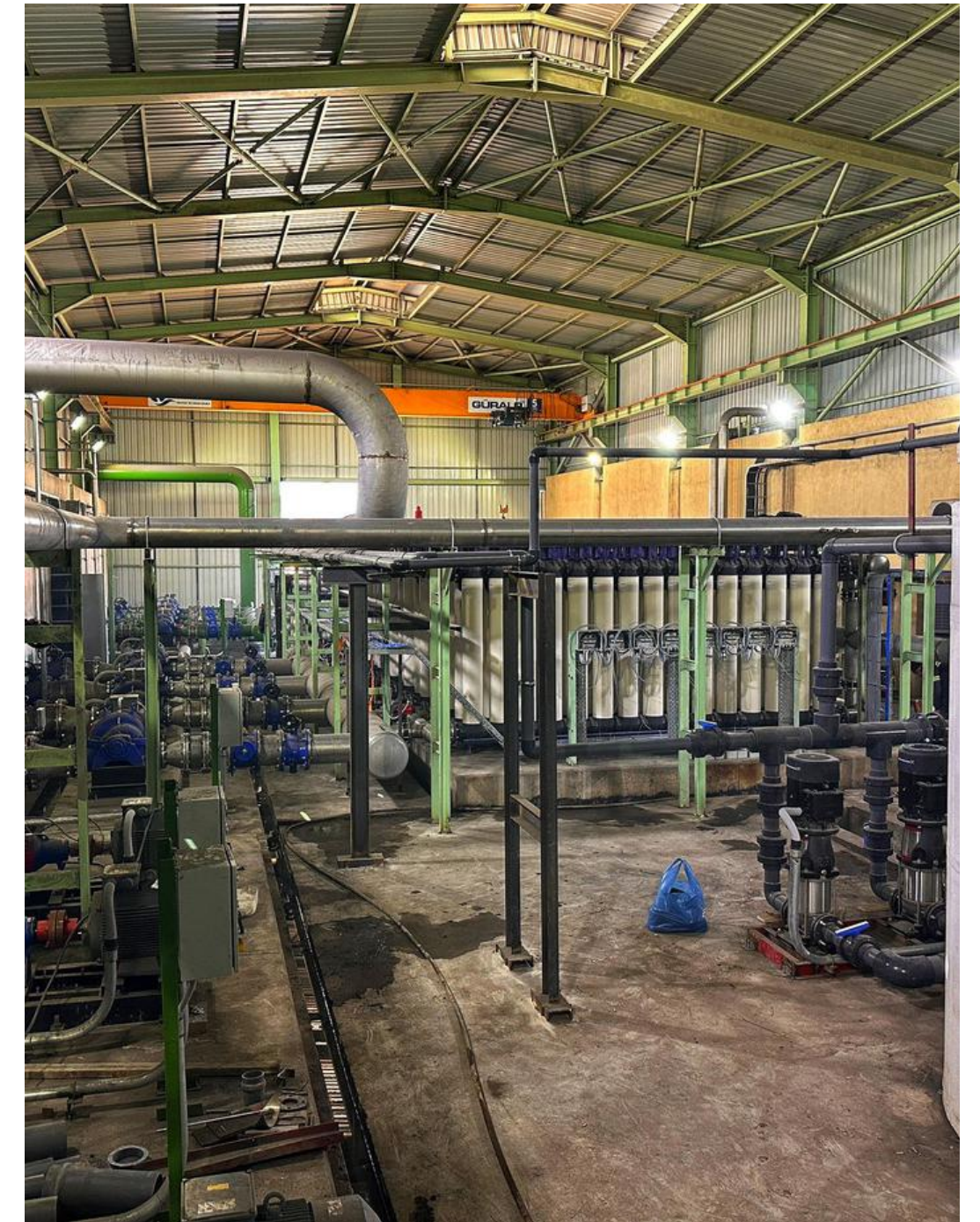
 **TOSÇELİK** Algeria



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TECHNOLOGIES

WTP Plant Project

 **TOSÇELİK** Algeria



 **ARC** WATER
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SBR Systems



AKKUYU NÜKLEER
ROSATOM

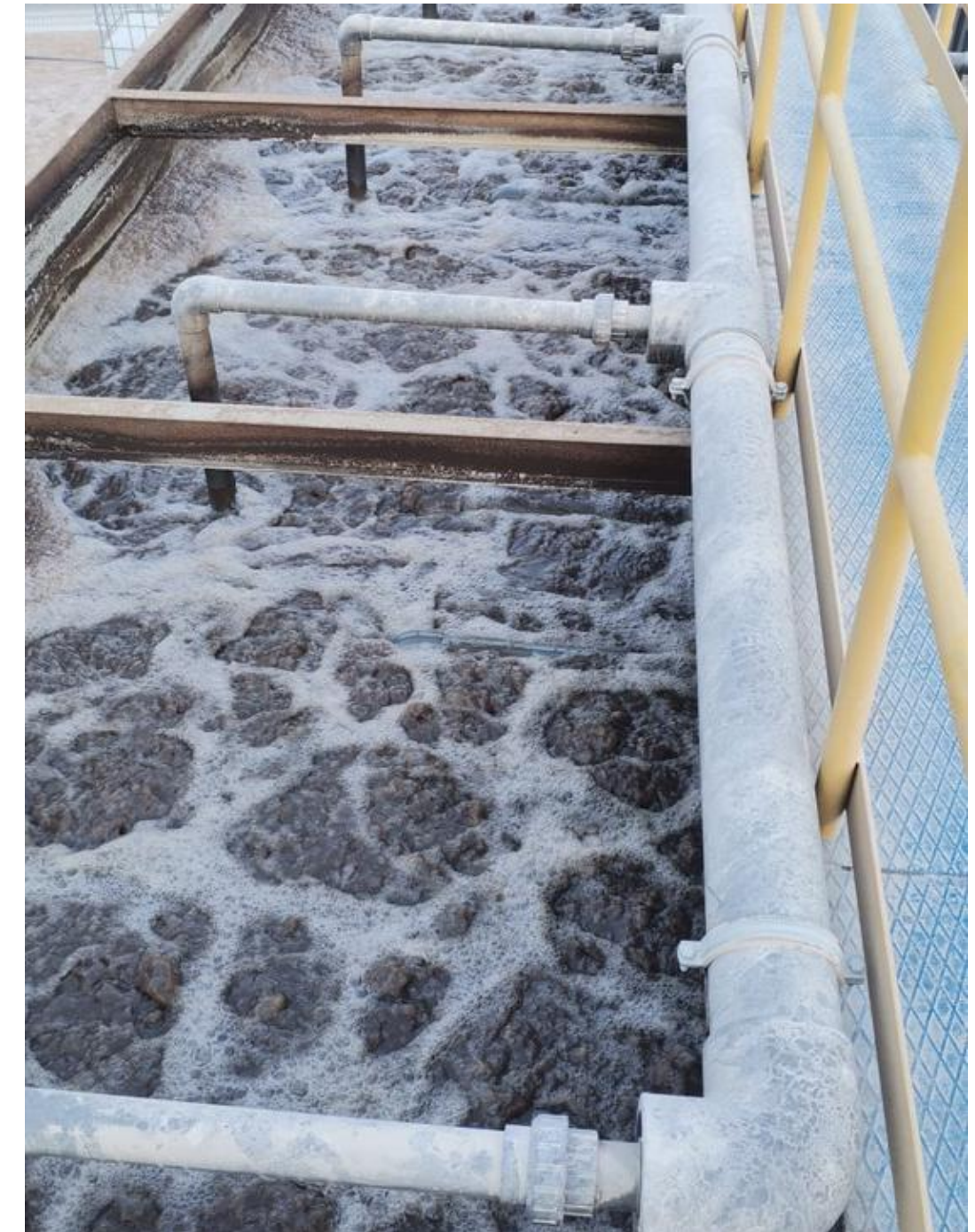


Capacity : 200m³/day x 9 Unit

Domestic WWTP



AKKUYU NÜKLEER
ROSATOM



Capacity : 7.000 people / 1200 m³/day

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Thank You



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TECHNOLOGIES**