

## NON-EXHAUSTIVE LIST OF REFERENCES

# GRP EQUIPEMENT

### **PRODUCTS:**

- **SCRUBBER, QUENCH, REACTOR**
- **STORAGE TANKS**
- **ROAD TANKS**
- **RECTANGULAR TANKS**
- **DUCTS & STACK**
- **COVERS & PANELS**
- **FILTERS**
- **STATIC MIXERS**
- **SPECIAL PIECES**

### **SECTORS:**

- **CHEMICAL PROCESS**
- **ENVIRONMENT**
- **WATER TREATMENT**
- **SEWAGE TREATMENT**
- **PETROLEUM**
- **MINING**
- **INDUSTRIAL & PROCESS**
- **FOOD PROCESSING**
- **PHARMACEUTICAL**

# SCRUBBER, QUENCH, REACTOR

## **PRODUCTS:**

- **SCRUBBER**
- **QUENCH**
- **REACTOR**
- **ABSORBER**
- **CRYSTALLIZER**
- **WASHING TOWERS**



GRP GAS SCRUBBER



GRP BOILING TANK



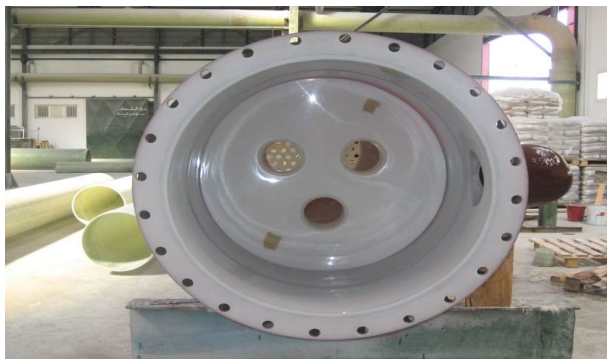
GRP EVAPORATOR

REFERENCE	YEAR	DESCRIPTION	DIAMETER	CLIENT / DESTINA-	SECTOR
OT 689	2007	SUPPLY OF PPH / GRP EVAPORATOR BOILER	DN 1600 mm	OCP *MAROC*	MINING
OT 724	2007	SUPPLY OF GRP BOILING TANK	-	G.C.T *TUNISIA*	MINING
OT 726	2007	SUPPLY OF GRP GAS SCRUBBER & FRP VESSEL EXTRACTION	DN 3000 mm	EURO PLASTICS *France*	
OT 727	2007	SUPPLY OF GRP GAS SCRUBBER	DN 1200 mm	PLASTICON *NTHERLAND*	ENVIRONMENT
OT 792	2008	SUPPLY OF GRP COLUMN WASHING	DN 1200 mm	INTERNATIONAL PAPER *France*	PAPER





## GRP EQUIPEMENT'S REFERENCES



PVDF / GRP TOWER



GRP PURIFICATION HOODS



REFERENCE	YEAR	DESCRIPTION	DIAMETER	CLIENT / DESTINATION	SECTOR
OT 947	2009	SUPPLY OF PPH / FRP FREE STANDING TANKS	DN 1800 mm	I.C.S *SENEGAL*	MINING
OT 931	2009	SUPPLY OF SCRUBBER PVDF / GRP TANKS	DN 2400 mm	SOHACHLORE *ALGERIA*	CHEMICALS
OT 1324	2012	SUPPLY OF GRP PURIFICATION HOODS FOR MDHILA PROJECT	-	I.E.T *TUNISIA*	MINING



<b>Order N° / Year</b>	OT 1298
<b>Project</b>	SUPPLY OF GRP EQUIP- MENTS, REACTOR & WASH-
<b>Destination</b>	TUNISIA
<b>Client</b>	SOCOMENIN
<b>Sector</b>	PHOSPHATE MINING

<b>Diameter</b>	DN 1800 - 5000 mm
<b>Pression</b>	ATMOSHERIC
<b>Temperature</b>	AMBIANT
<b>Medium</b>	



## PROJECT'S DESCRIPTION

This project consist in producing several process equipment, tanks and piping for phosphoric plant of M'dhila 2 of Groupe chimique tunisien (GCT) Tunisia.

- FLUOROSILICIC ACID STORAGE TANK DN5000 X 6600
- FLUORINE SCRUBBER SEAL TANK
- REACTOR GAS WASHING TOWER
- REACTOR GAS WASHING TOWER DN3500 X 36 000
- MAIN REACTOR PURIFICATION HOOD
- PURIFICATION HOOD ON R02
- GRP DUCTS
- PIPING IN GRP AND DUAL LAMINATES

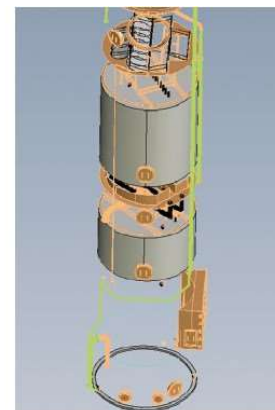
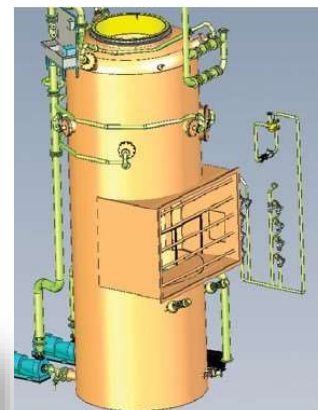


GRP PIPE  
INSTALLATION





<b>Order N° / Year</b>	OT 2130 / 17
<b>Project</b>	HERNINGVÆRKET FLUE GAS
<b>Destination</b>	DENMARK
<b>Client</b>	LAB
<b>Sector</b>	ENVIRONMENT



### PROJECT'S DESCRIPTION

GGER supplied for LAB project SecoLAB™ in Helsingør site (DENMARK) different GRP equipment for GAS washing system such as , scrubbers, condensor, quench and ducts.



## GRP EQUIPEMENT'S REFERENCES



<b>Diameters</b>	Condenser DN 5000mm / height 30m Humidifier DN 42000mm/ height 17m Quench DN 35000mm / height 11m 3 SCRIBBER Duct DN 2000mm/ LENGHT 18m
<b>Pressure</b>	0, 5 k Pa / +3, 5 k Pa
<b>Tempera- ture range</b>	25 °C /max. 180 °C (200°C accidental)
<b>Medium</b>	GAZ



## GRP EQUIPEMENT'S REFERENCES



P P - G R P E Q U I P M E N T



G R P S C R U B B E R



G R P E Q U I P M E N T

<b>REFERENCE</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 1707	2015	SUPPLY OF GRP REACTOR	DN 3000 mm	CMI *France*	CHEMICALS
OT 2251	2017	SUPPLY OF GRP SCRUBBER	2850 mm	ERCTC-LAB *MONACO*	ENVIRONMENT
OT 2302	2017	SUPPLY OF 2 GRP REACTORS	3000 mm	MEDOIL *Sénégal*	AGRI-FOOD
OT 2503	2018	SUPPLY OF 4 PP-GRP EQUIPMENT	1400 mm	ADF TIB NV *Belgium*	PRECIOUS METALS REFINING

<b>Order N° / Year</b>	OT 2401 & OT 2459 / 2018
<b>Project</b>	2 absorption columns
<b>Destination</b>	<b>France</b> –FOS SUR MER
<b>Client</b>	KEMONE
<b>Sector</b>	CHEMICALS



A B S O R P T I O N   C O L U M N



I N S T A L L E D   C O L U M N



I N T E R N A L   O F  
A B S O R P T I O N   C O L U M N

## PROJECT'S DESCRIPTION

Design, fabrication and delivery of two absorption columns for the plant of Fos/mer including all internal parts in PVC-C such as distributor, packing supports, ect

Code of construction : DT15 and EN13121

<b>Dimension</b>	Scrubber C1601 : Diamter 2000mm, Length 11700mm Scrubber C302 :
<b>Medium</b>	CL2 ga + caustic soda : Scrubber C1601 / CL2
<b>Pressure</b>	0, 1 bar
<b>Temperature</b>	100 °C
<b>specification</b>	Liner PVC-C and lamination with Resin DERAKANE 470



P P   P A C K I N G   S U P P O R T



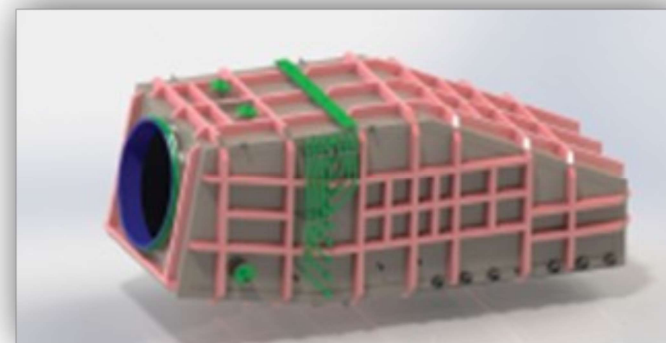


Order N° / Year	OT 2459 / 2018
Project	HERNING VÆRKET FLUE GAS COOLING
Destination	DENMARK-HERNING
Client	LAB
Sector	ENVIRONMENT



Dimension	Width 4800mm, height 4800mm Length 12000mm
Pressure	0,5 kPa / +3 kPa
Temperature	180 °C (200°C accidental)
Medium	FUMES
specification	Resin DERAKANE 470 HT + graphite + carbon veil post curing

## GRP EQUIPEMENT'S REFERENCES



3 D D E S I G N   O F   G R P   Q U E N C H

### PROJECT'S DESCRIPTION

GCER supplied for LAB project in Herning site (DENMARK) GRP quench, droplet separator, and chamber above condenser for GAS washing .



## GRP EQUIPEMENT'S REFERENCES

<i>Order N° / Year</i>	OT 2348 & OT 2371 / 2018
<i>Project</i>	SUPPLY AND ERECTION OF GRP EQUIPEMENT, DUCT AND PIPING
<i>Destination</i>	TUNISIA
<i>Client</i>	France EVAPORATION
<i>Sector</i>	CHEMICALS



### PROJECT'S DESCRIPTION

GCER supplied and installed for sud potass project GRP equipment such as scrubber, cristallisoir, storage tanks, ducts and pipes for Magnesium sulphate extraction plant in zarzis (TUNISIA)

P P H D U A L L A M I N E T C R I S T A L I S O I R

<i>Diametre</i>	Equipement DN4800, DN3000 , DN2000 and
<i>Pressure</i>	Atmospheric
<i>Temperature</i>	ambient
<i>specification</i>	Grp and dual laminat PP





## GRP EQUIPEMENT'S REFERENCES

<b>Order N° / Year</b>	<i>OT 2585 / 2019</i>
<b>Project</b>	<i>Supply of process equipments &amp; storage tanks</i>
<b>Destination</b>	<i>Alegria</i>
<b>Client</b>	<i>ECI Tunisia</i>
<b>Sector</b>	<i>CHEMICALS</i>
<b>Diameter</b>	From ND1000 to ND6000
<b>Pression</b>	Different ranges
<b>Temperature</b>	Different ranges



P E H D   T A N K S



G R P   T A N K



G R P   S A N D   F I L T E R

### **PROJECT' S DESCRIPTION**

This project consist in producing several process equipment & storage tanks for a chlorine caustic soda plant in Biskra-Algeria.

Volume : 5m3 to 250 m3

Numbre of Equipment : 32 pieces :

2 sand filters, 1 decanter DN6000, 2 PEHD tanks, GRP Horizontal tanks, 2 PPH dual laminate storage tanks



<b>Order N° / Year</b>	OT 2509 / 2018
<b>Project</b>	SUPPLY OF GRP TANK FOR CRYSTALLIZATION UNIT
<b>Destination</b>	Algeria
<b>Client</b>	SARL SASKO
<b>Sector</b>	CHEMICALS



BRINE TANK , DECANter  
& SLURRY TANK



WATER & BRINE

## **PROJECT' S DESCRIPTION**

This project consist in producing several equipment for NaCL crystallization unit, such as:

- Slurry tank ND3000
- Decanter ND2000
- Brine storage tank ND4000 with capacity 80m3
- Water storage tank ND4000 with capacity 100m3

The operating conditions are:

- Pressure: atmospheric
- Temperature: up to 90°C



## GRP EQUIPEMENT'S REFERENCES

<b>Order N° / Year</b>	OT 2814 /2019
<b>Project</b>	Scrubber 21L06 in dual laminate ECTFE
<b>Destination</b>	France – le havre
<b>Client</b>	ERCTC-ERAMET
<b>Sector</b>	MINING



I N T E R N A L   O F   C O L U M N

<b>Dimension</b>	Scrubber Diameter 2000 mm Length 9000 mm
<b>Fluide</b>	CL2 ga + sodium hypochlorite
<b>Pressure</b>	0, 1 bar
<b>Temperature</b>	95°C
<b>specification</b>	Liner ECTFE and lamination with Resin DERA KANE 470

### **PROJECT' S DESCRIPTION**

Design, fabrication and delivery of columns for the plant of Havre Sandouville including all internal parts in ECTFE such as beams, piping, supports, ect...

Code of construction : DT15 and EN13121

<b>Order N° / Year</b>	OT 2870/ 2020
<b>Project</b>	SUPPLY OF GRP TANK FOR PASTA PROCESSING UNIT
<b>Destination</b>	Algeria
<b>Client</b>	SARL PROLIPOS
<b>Sector</b>	FOOD INDUSTRY



TANK & REACTOR

## PROJECT'S DESCRIPTION

we designed & fabricated :

- 1 open-roof tank ND 4000 with capacity 125m<sup>3</sup> and 2 open-roof tanks ND 3500 with capacity 95m<sup>3</sup> for wastewater treatment
- 2 decanters with ND 2500 with capacity of 22m<sup>3</sup> for acidified water
- 2 decanters ND 2000 with capacity of 7.5m<sup>3</sup> for acidified water
- 1 reactor ND 1200 operates at 3 bar
- 1 water storage tank ND 3000 with capacity 50m<sup>3</sup>
- accessories: agitator guide, sparging system







Project	Biogas desulphurisation scrubber
Client	Pâques
Sector	ENVIRINNEMENT
Meduim	gas containing H <sub>2</sub> S



<i><b>ORDER N°</b></i>	<i><b>YEAR</b></i>	<i><b>DIMENSION</b></i>	<i><b>COUNTRY</b></i>
OT 1877	2016	Φ1200 X 16580	
OT 1931	2016	Φ1000 X 11035	
OT 1990	2016	Φ1400	
OT 1991	2016	Φ1200	
OT 2045	2016	Φ1200	
OT 2110	2017	Φ1200	
OT 2154	2017	Φ1200	
OT 2283	2017		
OT 2296	2017		
OT 2494	2018		
OT 2522	2018		
OT2572	2018		
OT2702	2019	Φ1200 X 13300 mm	
OT2729	2019	Φ1200 X 13300 CE STAMPED	
OT 2754	2019	Φ1400 X 18100	
OT 2830	2019	Φ1000 x 14085	
OT 2895	2020	Φ1000 x 15785	
OT 2918	2020	Φ800 x 10450	
OT 3028	2020		
OT 3048	2020		





## GRP EQUIPEMENT'S REFERENCES

<b>Order N° / Year</b>	OT 3159 / 2021
<b>Project</b>	plant of demonstrates Carbios' Enzymatic Recycling Process Lyon
<b>Destination</b>	FRANCE
<b>Client</b>	TechnipFMC & Carbios
<b>Sector</b>	ENVIRONMENT



<b>diemnsion</b>	<ul style="list-style-type: none"> <li>- 1 scrubber DN 6000mm/ height 24m</li> <li>- 1 quench DN 2400mm/ height 8m</li> <li>- 2 droplet separator</li> <li>- ducts</li> </ul>
<b>Pressure</b>	0, 7 k Pa / +3, 5 k Pa
<b>Temperature range</b>	25 °C /max. 180 °C
<b>Medium</b>	GAZ



### PROJECT'S DESCRIPTION

GCER provide the detailed design, manufacturing and delivery of GRP equipment for the build demonstration plant for depolymerization of waste PET plastics to monomers .







GRP REACTOR



## GCER PRODUITS EQUIPEMENTS A K I N G REFERENCES



ORDER N°	YEAR	DESCRIPTION	DIAMETER	MEDIUM	CLIENT/ DESTINATION	SECTOR
OT 2616	2019	SUPPLY OF SEVERAL GRP EQUIPMENT	DN 1000mm		HASLER GROUP *France*	
OT 2753	2019	SUPPLY OF A GRP REACTOR	DN 4000mm		Pâques *NETHERLANDS*	ENVIRONMENT
OT 2984	2020	SUPPLY OF GRP REACTOR	DN 3000mm	SLUDGE	FUBA *TUNISIA*	CHEMICALS
OT 2839	2020	FOURNITURE DE CYCLONE ET BALLONS SEPARATEURS EN SVR	DN 2200 mm		HASLER GROUP SAS *FRANCE*	CHEMICALS
OT 2882	2020	SUPPLY OF GRP REACTORS			SGTM *TUNISIA*	INDUSTRY SURFACE TREATMENT



**GRP SCRUBBER**



<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDIUM</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2916	2020	SUPPLY OF PVC LAMINATED TOUR	DN 1000mm		SARL SASKO *ALGERIA*	CHEMICALS
OT 3188	2021	SUPPLY OF 3 GRP DROPLET SEPARATOR AND DUCTS			ERCTC-LAB *DENMARK*	ENVIRONNEMENT
OT 3211	2021	SUPPLY OF GRP SCRUBBER	DN 3000mm height 20m		*ITALY *	CHEMICALS
OT 3246	2021	SUPPLY OF GRP SCRUBBER			FIBERPIPE *GERMANY*	STEEL





<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDIUM</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 3259	2021	SUPPLY OF GRP SCRUBBER	DN 4000mm height 20m		*ITALY *	CHEMICALS
OT 3308	2021	SUPPLY OF ECTFE LAMINATED SCRUBBER	DN 2400mm height 16m	so- dium hypochlorite	KEMONE *FRANCE*	CHEMICALS
OT 3246	2021	SUPPLY OF GRP SCRUBBER AND DUCTS	DN 1400mm height 7m		FIBERPIPE *GERMANY*	ENVIRONNEMENT
OT 3308	2021	SUPPLY OF GRP SCRUBBER IN ECTFE LAMINATED	DN 2400mm height 19m	sodium hypochlo- rite	KEMONE *France*	CHEMICALS

<b>Order N° / Year</b>	OT 3121/ 2021
<b>Project</b>	sewage sludge incineration plant for KENOW in Bremen
<b>Destination</b>	GERMANY
<b>Client</b>	LAB GMBH
<b>Sector</b>	ENVIRONMENT



Fabrication of scrubber

## PROJECT'S DESCRIPTION

The project of GCER covers the detailed design, manufacturing and delivery of GRP equipment for the FGT plant of the new sewage sludge incineration plant for KENOW in Bremen.

### Dimension

- 1 scrubber DN 6000mm/ height 24m
- 1 quench DN 2400mm/ height 8m
- 2 droplet separator
- several ducts

### Pressure

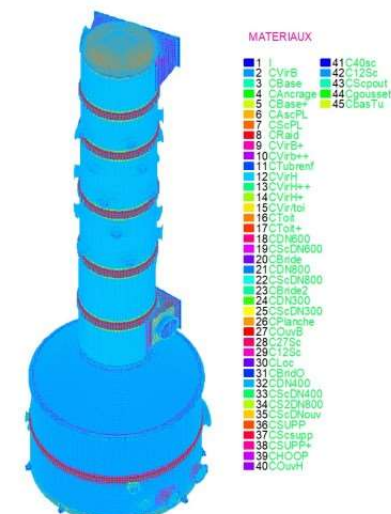
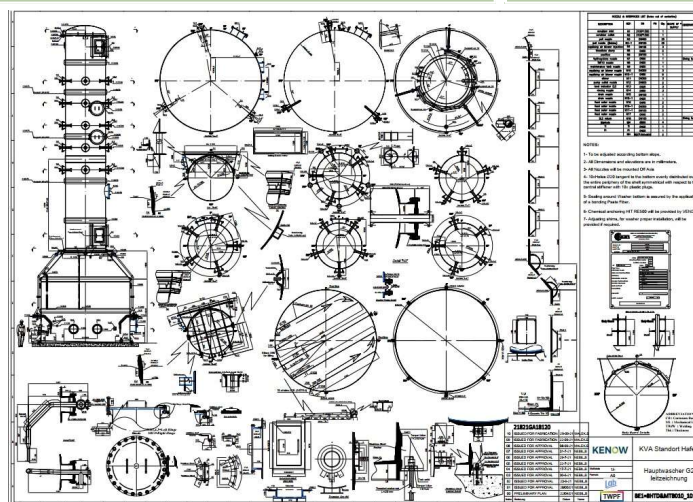
0,7 k Pa / +3,5 k Pa

### Temperature range

25 °C /max. 180 °C

### Medium

GAZ







## *transport*

The cargo consisted of 20 pieces of 2000m3, plus their accessoires. The shipment was moved from GCER to the final destination in BREMEN site . The scope of transport included:

- Land transport from GCER to port sousse
- Maritime transport from port Sousse to Port BREMEN .





# GRP EQUIPEMENT'S REFERENCES

<b>Order N° / Year</b>	OT 3073 / 2021
<b>Project</b>	Waste-to-Energy plant in Brescia, Italy.
<b>Destination</b>	ITALY
<b>Client</b>	LAB
<b>Sector</b>	ENVIRONMENT

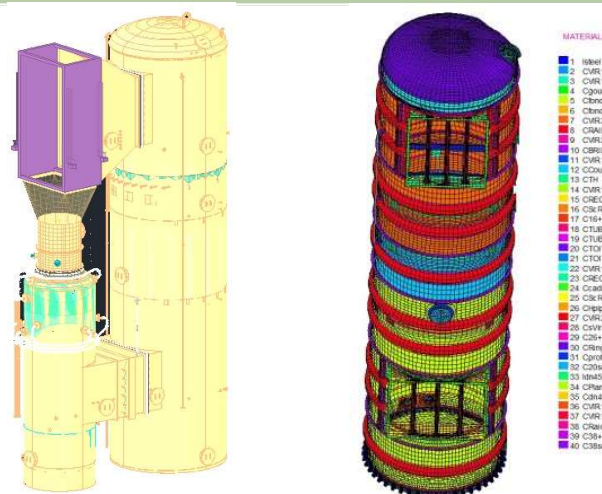


## PROJECT'S DESCRIPTION

The project of GCER covers the detailed design, manufacturing, delivery and installation of GRP equipment for 3 lines of flue gas condensation. Included condensers, quench condensers quench and ducts.



Quench with droplet separator



Trial assembly of condenser DN6500 (2 lines )

<b>diemnsion</b>	- 3 condensers DN 6500mm/ height 28m -3 quench DN 4500mm/ height 12m - 3 droplet separator 4500mm x 3500mm - 6 ducts
<b>Pressure</b>	0,7 k Pa / +3,5 k Pa
<b>Tempera- ture range</b>	25 °C / max. 180 °C (200°C accidental)
<b>Medium</b>	GAZ





## ***Site installation works***

For condensor, we have carried out the following works :

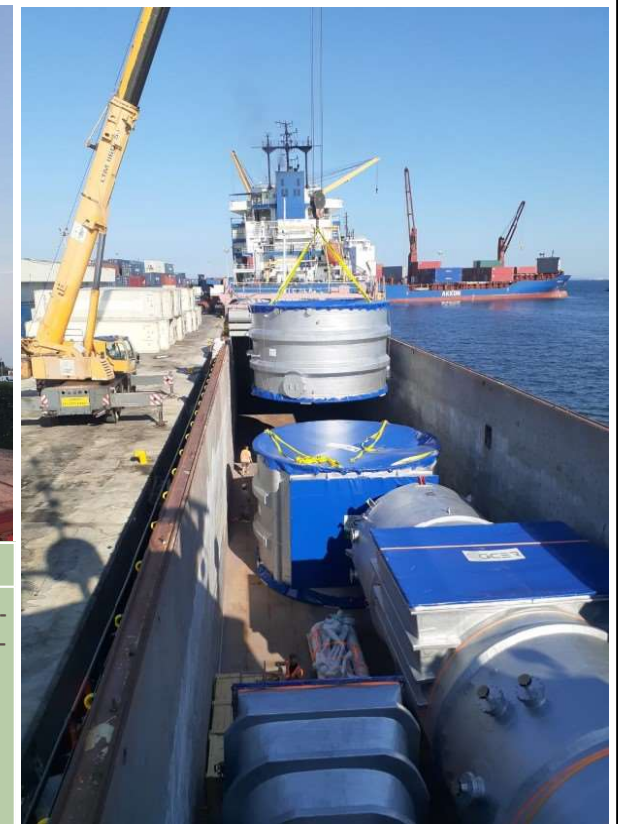
- installation assistance and technical support.
- tightening of bolts
- internal lamination body flanges (7 sectors)



## ***DAP transport***

The cargo consisted of 14 pieces of 5000m3, plus their accessoires. The shippment was moved form GCER to the final destination in Brescia site . The scope of transport included:

- Land transport form GCER to post sousse
- Maritime transport form port Sousse to Port chioggia
- By barge from the sea port to Mantua
- Road transport form Mantua to Brescia site





<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDIUM</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 3383	2022	SUPPLY OF 1 GRP SCRUBBER	DN 3500mm height 21500mm	GAZ	ERCTC-SEDIBEX *France*	CHEMICALS
OT 3416	2022	SUPPLY OF GRP SEPARATOR			ERCTC-CIMO *Switzerland *	ENVIRONNEMENT
OT 3421	2022	SUPPLY OF GRP SCRUBBER	DN 4000mm height 20m		*ITALY *	CHEMICALS
OT 3427	2022	SUPPLY OF 4 SCRUBBERS TANKS AND DUCTS	Different diameter		ABU ZAABAL FERTILIZER & CHEMICAL CO *EGYPTE*	MINING





<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDIUM</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 3442	2022	SUPPLY OF PP LAMINATED SEPARATOR			PLASTICGLASS *ITALY *	CHEMICALS
OT 3480	2022	SUPPLY OF SEVERAL GRP EQUIPMENT	DN3200 X 17500	FUMES	*ITALY *	CHEMICALS
OT 3523	2022	SUPPLY OF GRP SCRUBBER	DN3000 X 11000	FUMES	*ITALY *	CHEMICALS
OT 35640	2022	SUPPLY OF GRP SCRUBBER AND DUCTS		FUMES	LAB - GOTEBORG *SWEDEN*	ENVIRONNEMENT
OT 3665	2023	SUPPLY OF ECTFE DUAL LAMINATED SCRUBBER AND DUCTS	2 x DN2000 X 6000	FUMES	Europe Environnement *France*	ENVIRONNEMENT

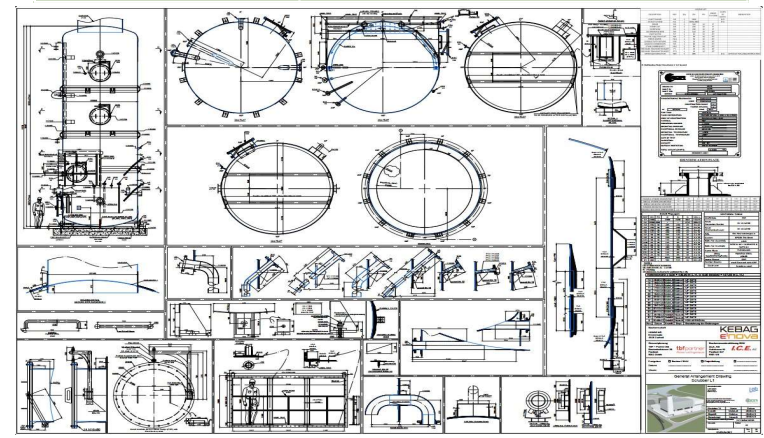


<b>Order N° / Year</b>	OT 3536 / 2022
<b>Project</b>	ENOVA KEBAG AG Zuchwil
<b>Destination</b>	SWITZERLAND
<b>Client</b>	LAB GMBH
<b>Sector</b>	ENVIRONMENT



## GRP EQUIPEMENT'S REFERENCES

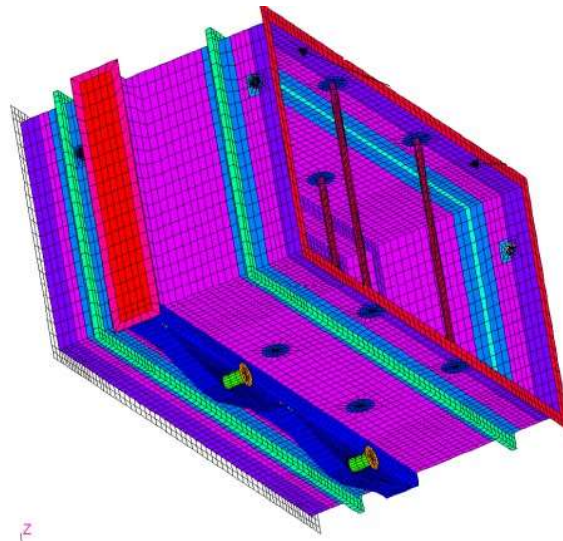
<b>Dimension</b>	- 2 scrubber DN 4000mm/ height 12m -2 quench DN 2100mm/ height 5m - 2 droplet separator
<b>Pressure</b>	0,7 kPa / +3,5 kPa
<b>Temperature</b>	25 °C /max. 180 °C
<b>Medium</b>	FUMES





## PROJECT'S DESCRIPTION

The project of GCER covers the detailed design and manufacturing of GRP equipment; SCRUBBER, QUENCH AND DROLPET SEPARATORS for the 2 Lines of flue gas treatment of ENOVA KEBAG AG – Zuchwil – Switzerland.



- 59CDROP
- 60CDROP+
- 61C-ScPout
- 62C-BasePou
- 63C-poutr
- 64CN3-4
- 66C-couN3-4
- 67C-CouGou
- 68C-tube
- 69C-tube+
- 70C-BasTube
- 71C-Sc-tUD
- 72C-ScTrun
- 77C-BR25
- 78C-BR-Gou
- 80C-lamella



## GCER'S BOILERMAKING REFERENCES



<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDIUM</b>	<b>CLIENT/ DESTINA- TION</b>	<b>SECTOR</b>
OT 3630	2023	SUPPLY OF GRP ECHANGEUR	DN1800 X 4500	Na OH	KEMONE *FRANCE *	CHEMICALS
OT 3671	2023	SUPPLY OF GRP SCRUBBER	DN1500 X 10700	GAZ	sibanyestillwater *FRANCE *	CHEMICALS
OT 3700	2023	SUPPLY OF GRP REACTOR	DN 4000 X 5200		OUTOTEC *USA *	MINING
OT 3703	2023	SUPPLY OF GRP SCRUBBER	DN 3500mm height 21500mm	GAZ	SEMEDI *FRANCE *	CHEMICALS
OT 3737	2023	SUPPLY OF GRP DROPLET SEPARATOR		FUMES	SKB *POLAND *	CHEMICALS
OT 3754	2023	SUPPLY OF GRP SCRUBBER	DN180 X 3200	GAZ	sibanyestillwater *FRANCE *	CHEMICALS



# STORAGE TANKS

## **PRODUCTS:**

- **VERTICAL TANK**
- **HORIZONTAL TANK**
- **UNDERGROUND TANK**
- **DOUBLE WALL**
- **INSULATED TANK**
- **SILO**



P P H / G R P V E S S E L



G R P V E S S E L



G R P T A N K

<b>REFERENCE</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDIUM</b>	<b>CLIENT / DESTINA-</b>	<b>SECTOR</b>
OT 605	2006	SUPPLY OF PPH VESSEL	DN 1000 mm		PLASTUFER S.A	PLASTIC INDUS- TRIE
OT 642	2007	SUPPLU OF PPH / GRP VESSEL FILTRATION	DN 1600 mm		THERMOPOL	CHEMICAL & PHARMACEUTICAL INDUSTRIES
OT 684	2007	SUPPLY OF PEHD VESSEL	DN 1900 mm		DYWIDAG I.Gmbh	ENGINEERING & SERVICES
OT 746	2007	SUPPLY OF GRP TANKS	DN 2000 mm		PLASTUFER S.A	PLASTIC INDUS- TRIE





PPH / GRP FREE STANDING  
TANKS



GRP HORIZONTAL TANK



GRP COLUMN WASHING

REFERENCE	YEAR	DESCRIPTION	DIAMETER	MEDIUM	CLIENT / DESTINATION	SECTOR
OT 802	2008	SUPPLY OF GRP TANKS	DN 1800 mm		J.P.M.C *JORDAN*	MINING
OT 860	2008	SUPPLY OF CONDENSATE RECEIVER TANK	DN 2000 mm		I.C.F *TUNISIA*	CHEMICALS
OT 902	2009	SUPPLY OF GRP VESSEL	DN 3200 mm		ONAS TUNISIE *TUNISIA*	SEWAGE TREAT- MENT
OT 931	2009	SUPPLY OF PVDF / GRP TANKS	DN 2400 mm		SOHACHLORE *ALGERIA*	CHEMICALS



GRP WATER TARP



GRP CHLORINE STORAGE  
TANKS



GRP FLUOROSILICIC ACID  
TANK

REFERENCE	YEAR	DESCRIPTION	DIAMETER	MEDIUM	CLIENT / DESTINATION	SECTOR
OT 994	2010	SUPPLY OF GRP TANKS	DN 2500 mm		VATECH WABAG *TUNISIA*	SEWAGE TREAT- MENT
OT 1176	2011	SUPPLY OF PVDF / GRP TANKS	DN 2400 mm		SOHACHLORE *ALGERIA*	CHEMICALS
OT 1178	2011	SUPPLY OF GRP VESSEL	DN 1200 - 2400 mm		MHIRI PRODUCTION *TUNISIA*	CHEMICALS
OT 1460	2013	STUDY, SUPPLY AND INSTALLATION OF GRP WATER TARP	DN 3 x 6.5 x 14		TUNISIE SUCRE *TUNISIA*	AGRI-FOOD





GRP STORAGE TANK



GRP STORAGE TANK

## GRP EQUIPEMENT'S REFERENCES



GRP HYDROCHLORIC ACID  
STORAGE TANK

REFERENCE	YEAR	DESCRIPTION	DIAMETER	MEDIUM	CLIENT / DESTINATION	SECOR
OT 1491	2014	SUPPLY OF 2 GRP STRAGE VESSEL OF 30 M3 FOR CEMENT PLANT OF KAIROUAN	DN 3500 mm	STRIPPER	M & M INDUSTRIELLE *TUNISIA*	CEMENT
OT 1506	2014	SUPPLY OF GRP TANK	DN 3500 mm	SEA WATER	TUNISIE SUCRE *TUNISIA*	AGRI-FOOD
OT 1566	2014	SUPPLY OF GRP TANK OF 100 M <sup>3</sup>	DN 5000 mm	SEA WATER	TUNISIE SUCRE *TUNISIA*	AGRI-FOOD
OT 1580	2014	SUPPLY OF GRP TANK OF 150 M3	DN 4000 mm		ADWAN CHEMICLAS *ALGERIA*	CHEMICALS

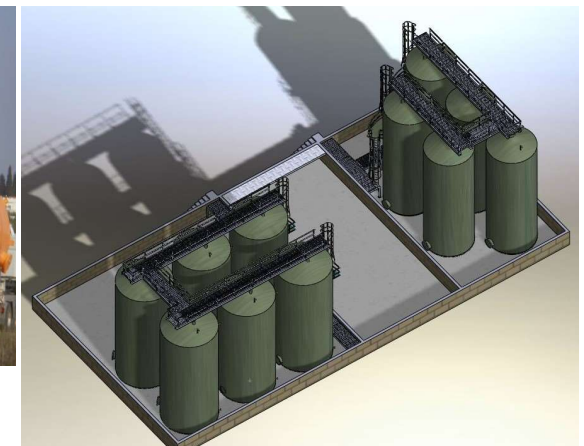
## GRP EQUIPEMENT'S REFERENCES

<b>Order N° / Year</b>	OT 1462 / 2013
<b>Project</b>	STUDY, SUPPLY AND INSTALLATION OF GRP TANKS, PLATFORM AND LADDER FOR <b>NACL PLANT</b>
<b>Destination</b>	ALGERIA
<b>Client</b>	SARL SASKO INDUSTRIE
<b>Sector</b>	CHEMICALS
<b>Diameter</b>	DN 3500 mm - 4000 mm
<b>Capacity</b>	100m <sup>3</sup> & 125 m <sup>3</sup>
<b>Pression</b>	ATMOSHERIC
<b>Temperature</b>	AMBIANT
<b>Medium</b>	HCL 33% / NaClO



### PROJECT'S DESCRIPTION

This project consist in producing several storage tanks for chemical storage. In total : 11 storage tanks as follows : 5 GRP hydrochloric acid storage tank of 100 m<sup>3</sup> & 6 GRP sodium hypochlorite storage tank of 125 m<sup>3</sup> and intermediate platform with ladders



GRP TANKS





GRP PICKLING TANK



GRP STORAGE TANKS



GRP STORAGE TANK

<b>REFERENCE</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDIUM</b>	<b>CLIENT / DESTINATION</b>	<b>SECTOR</b>
OT 1590	2014	SUPPLY OF GRP TANK OF 60 M3	DN 3500 mm	SODIUM HYPO-CHLORITE	ADWAN CHEMICLAS *ALGERIA*	CHEMICALS
OT 1505	2014	SUPPLY OF 7 PEHD TANKS	DN 1320 mm - 2000 mm	CHEMICALS FLUIDS	OVIVO *TUNISIA*	WATER
OT 1738	2015	SUPPLY OF GRP TANKS	3 x 85 m <sup>3</sup> Ø 4500 1 x 15 m <sup>3</sup> Ø 2500	HCL	ALZINC *ALGERIA*	INDUSTRY SURFACE TREATMENT



GRP SODIUM HYPOCHLORITE  
STORAGE TANKS



GRP STORAGE TANK



GRP STORAGE TANKS

REFERENCE	YEAR	DESCRIPTION	DIAMETER	MEDIUM	CLIENT / DESTINATION	SECTOR
OT 1771	2015	SUPPLY OF GRP TANKS OF 200 M3	DN 4500	HYPOCHLO- RITE	ADWAN CHEMICALS *ALGERIA*	CHEMICALS
OT 1885	2016	SUPPLY OF GRP TANK OF 50 M3	DN 3500	HCL 32%	SARL SEKOUTI FRERES *ALGERIA*	CHEMICALS
OT 1995	2016	SUPPLY OF GRP TANK 60 M3	DN 3500	NaOH 32°	ECI *TUNISIA*	CHEMICALS
OT 2001	2016	SUPPLY OF 2 GRP TANKS OF 200 M3	DN 4500	HYPOCHLO- RITE	ADWAN CHEMICALS *ALGERIA*	CHEMICALS



## GRP EQUIPEMENT'S REFERENCES

<b>Order N° / Year</b>	OT 1958 / 2016 OT 2831/2019
<b>Project</b>	SUPPLY AND INSTALLATION OF 6 GRP TANKS OF 100 M3 + 2 TANKS 125 M3 AND 4 TANKS PVC /GRP OF 25 M3 FOR HYDROCHLORIC ACID
<b>Destination</b>	TUNISIA
<b>Client</b>	STE JMAL
<b>Sector</b>	CHEMICALS
<b>Diameter</b>	DN 3000 mm - 4000 mm
<b>Pression</b>	ATMOSHERIC
<b>Temperature</b>	AMBIANT
<b>Medium</b>	HCL 34%



SODIUM HYPOCHLORITE STORAGE TANKS



SODIUM HYPOCHLORITE STORAGE TANKS

### PROJECT'S DESCRIPTION

This project consist in producing several storage tanks for chemical storage.

The scope of works is the design, fabrication, transport and erection

Volume : 12 tanks of 6 GRP Sodium hypochlorite storage of 100 m3 & 125 m3 and 4 GRP tanks for hydrochloric acid storage tank of 30 m3





STORAGE VESSELS



STORAGE VESSELS



<b>REFERENCE</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDIUM</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2005	2016	SUPPLY OF 4 PP-GRP EQUIPMENT	1400 mm	HCL / NH3	ADF TIB NV *Belgium*	PRECIOUS ME- TALS REFINING
OT 2252	2017	SUPPLY OF A GRP TANK	—	NaClO	SNCPA *TUNISIA*	CHEMICALS
OT 2326	2018	SUPPLY OF GRP TANKS	3000 mm	HCL	SARL SASKO *ALGERIA*	CHEMICALS
OT 2357	2018	SUPPLY OF GRP TANKS	2500 mm	NaClO	AZUR DERTERGET *TUNISIA*	CHEMICALS
OT 2327	2018	SUPPLY OF GRP TANKS, CAPACITY 150m3, 100m3, 70m3 & 20m3	4500, 4000 & 3000mm	NaClO 48°	MAX FLOW / HENKEL PROJECT *ALGERIA*	CHEMICALS
OT 2473	2018	SUPPLY OF GRP TANK, CAPACITY 100m3	4500 mm	HCL	ACG SIM spa *ALGERIA*	AGRI-FOOD





S T O R A G E   T A N K S



S T O R A G E   T A N K S



S T O R A G E   T A N K

<i><b>REFERENCE</b></i>	<i><b>YEAR</b></i>	<i><b>DESCRIPTION</b></i>	<i><b>DIAMETER</b></i>	<i><b>MEDIUM</b></i>	<i><b>CLIENT/ DESTINATION</b></i>	<i><b>SECTOR</b></i>
OT 2486	2018	SUPPLY OF GRP TANK, CAPACITY 35m3 & 15m3	Different DN	HCL / NaClO Na2SO3	SESPI *Italy*	ENERGY
OT 2503	2018	SUPPLY OF 2 PP-GRP EQUIPMENT	1400 mm		ADF TIB NV *Belgium*	PRECIOUS METALS REFINING
OT 2509	2018	SUPPLY OF 8 GRP TANK FOR CRYSTALLI- ZATION NaCl UNIT	Different DN	HCL / NaClO	Sarl SASKO *Alegria*	CHEMICALS
OT 2512	2018	SUPPLY OF GRP TANK, CAPACITY 50m3	3500 mm		ACG SIM spa *Alegria*	AGRI-FOOD
OT 2581	2019	SUPPLY OF 7 GRP TANKS 30M3	3000 mm x 4200 mm	FERRIC CHLO- RIDE	ADWAN *ALGERIA*	CHEMICALS
OT 2587	2019	SUPPLY OF 10 GRP TANKS	ND 1500 —>ND 3000		BIOMASS INDUSTRIES ASSO- CIATES *SAUDI ARABIA*	AGRI-FOOD

## GRP EQUIPEMENT'S REFERENCES

<b>Order N° / Year</b>	OT 2647 / 2019
<b>Project</b>	SUPPLY OF 4 GRP TANKS
<b>END client</b>	S.C.C
<b>Destination</b>	MOROCCO- Jorf Lasfar
<b>Client</b>	NUBERG
<b>MEDIUM</b>	sodium hypochlorite
<b>Sector</b>	CHEMICALS
<b>Diameter</b>	DN 4000 mm height 10 000mm
<b>Capacity</b>	150 m <sup>3</sup>
<b>Presslon</b>	ATMOSHERIC
<b>Temperature</b>	AMBIANT



### PROJECT' S DESCRIPTION

This project consist in producing several stor-  
age tanks for plant of production industrial  
of caustic soda and chlorine. .

The scope of works is the design, fabrication  
and CFR transport.

Volume : 4 tanks of GRP Sodium hypochlorite  
storage 125 m3







S T O R A G E   T A N K S



## GRP EQUIPEMENT'S REFERENCES



S T O R A G E   T A N K S

<i><b>ORDER N°</b></i>	<i><b>YEAR</b></i>	<i><b>DESCRIPTION</b></i>	<i><b>DIAMETER</b></i>	<i><b>MEDIUM</b></i>	<i><b>CLIENT/ DESTINATION</b></i>	<i><b>SECTOR</b></i>
OT 2666 / OT 2667	2019	SUPPLY OF GRP TANKS	ND 1500 mm—ND 1600 mm		PLASTIC GLASS *ITALY*	
OT 2649	2019	SUPPLY OF DOUBLE WALL GRP TANK	ND 3000		ERCTC-CNIM *FRANCE*	ENVIRONMENT
OT 2766	2019	SUPPLY OF 2 GRP TANKS 150 M3 & 200 M3	ND 4000 & ND 4500		ADWAN *ALGERIA*	CHEMICALS
OT 2774	2019	SUPPLY OF GRP TANKS 3 M3	ND 1800		FIBERPIPE *GERMANY*	CHEMICALS
OT 2784	2019	SUPPLY OF GRP TANK FOR ICS PLANT	DN 5000 x 9400	Drinking water	WABAG *TUNISIA*	WATER
OT 2801	2019	SUPPLY OF GRP TANKS	DN 2000		FIBERPIPE *GERMANY*	ENVIRONMENT



S T O R A G E   T A N K S



D o u b l e   w a l l   t a n k

<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDIUM</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2873	2020	SUPPLY OF GRP TANK	—		ERCTC –ERAMET *FRANCE*	MINING
OT 2878	2020	SUPPLY OF GRP TANK	—		L'AQUACULTURE TUNISIENNE *TUNISIA*	AGRI-FOOD
OT 2895	2020	SUPPLY OF GRP EQUIPEMENTS	DN1500- DN3200		TECHNIP / CARBIOS *FRANCE*	CHEMICALS
OT 2905	2020	SUPPLY OF GRP TANKS DN 1500	DN 1500		FIBERPIPE *GERMANY*	
OT 2910	2020	SUPPLY OF PVC/GRP TANKS	DN 1200	NaOH / NaClO	PLASTIC GLASS *ITALY*	CHEMICALS





## GRP EQUIPEMENT'S REFERENCES

<b>Order N° / Year</b>	OT 2870 & OT 2913 / 2020
<b>Project</b>	SUPPLY OF 8 GRP TANKS
<b>Destination</b>	ALGERIA
<b>Client</b>	SARL SOHYSO
<b>Sector</b>	CHEMICALS
<b>Diameter</b>	DN 4000 & DN4500
<b>Capacity</b>	150 m <sup>3</sup>
<b>MEDIUM</b>	HYPOCHLORIDE ACID
<b>Pression</b>	ATMOSHERIC
<b>Temperature</b>	AMBIANT



### PROJECT'S DESCRIPTION

This project consist in producing several storage tanks for plant of production industrial of caustic soda and chlorine.

The scope of works is the design & fabrication

Volume : 2 tanks with capacity of 125 m3 & 6 tanks with capacity of 190 m3



## GRP EQUIPEMENT'S REFERENCES

<b>Order N° / Year</b>	OT 2939 / 2020
<b>Project</b>	SUPPLY OF 8 GRP TANKS
<b>Destination</b>	ALGERIA
<b>Client</b>	SARL VERY NET
<b>MEDIUM</b>	SODIUM HYPOCHLORIDE
<b>Sector</b>	CHEMICALS

<b>Diameter</b>	DN 2800
<b>Presslon</b>	hydrostatic
<b>Temperature</b>	35—50 °C



### PROJECT'S DESCRIPTION

We designed & fabricated:

- 5 sodium hypochlorite storage tanks with capacity of 23m3
- &
- 3 detergent preparation tanks with capacity of 20m3







GRP TANK



GRP TANK

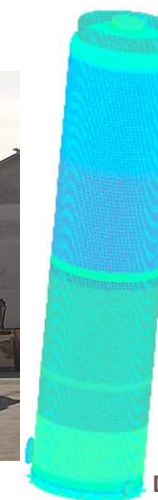


PVC - GRP TANK

<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDIUM</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2911	2020	SUPPLY OF GRP TANK			PLASTIC GLASS *ITALY*	CHEMICALS
OT 2913	2020	SUPPLY OF 6 GRP STORAGE TANKS 190 M3	DN4000	HCL 33%	SARL SOHYSO *ALGERIA*	CHEMICALS
OT 2952	2020	SUPPLY OF GRP STORAGE TANKS 75 M3	DN3500 x 10000		FIBERPIPE *GERMANY*	CHEMICALS

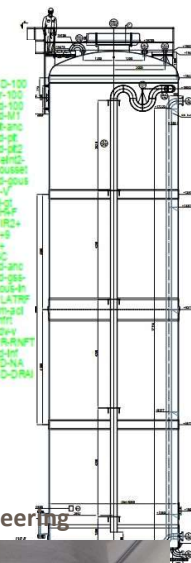
# GCER'S EQUIPEMENT'S REFERENCES

<b>ORDER N° / YEAR</b>	OT 2982/ 2020
<b>PROJECT</b>	SUPPLY OF 2 GRP TANKS
<b>END CLIENT</b>	INTERNATIONAL PAPER
<b>DESTINA-CLIENT</b>	<b>FRANCE</b> INTERNATIONAL PAPER
<b>MEDIUM</b>	CIO2
<b>SECTOR</b>	PAPER

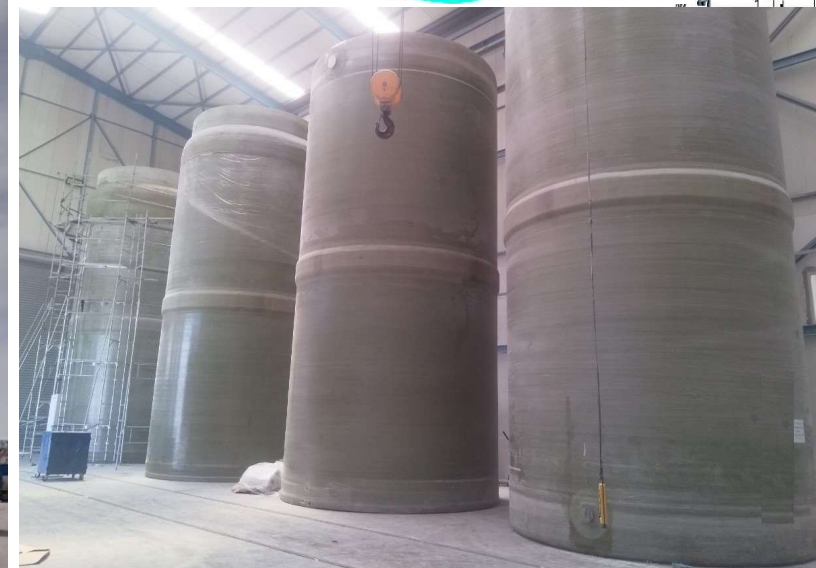


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Detailed engineering



<b>Diameter</b>	DN 5000mm HEIGHT 17000mm
<b>Capacity</b>	350 m <sup>3</sup>
<b>Pression</b>	ATMOSHERIC
<b>Temperature</b>	AMBIANT
<b>Specification</b>	LINER 6.3 / RESIN 510 A40 POST-CURING

## PROJECT'S DESCRIPTION

This project consist in producing 2 large storage tanks for plant of paper and cardboard located at celimo saillat-sur-venne. The scope of works is the design, fabrication and DAP transport.  
Volume : 2 GRP Storage tanks of 350 m3





<b>Order N° / Year</b>	OT 3013/ 2020
<b>Project</b>	SUPPLY OF GRP AND DUAL LAMINTE TANKS
<b>END client</b>	80 MTPD CAUSTIC SODA PLANT
<b>Destination</b>	IZMIR-TURKEY
<b>Client</b>	NUBERG
<b>MEDIUM</b>	Sodium Hypochlorite
<b>Sector</b>	CHEMICALS
<b>Diameter</b>	2600 mm & 3500mm
<b>Capacity</b>	-
<b>Presslon</b>	ATMOSHERIC
<b>Temperature</b>	AMBIANT



## GCER'S EQUIPEMENT'S REFERENCES



P A C K I N G   O F   G R P   T A N K S

### **PROJECT'S DESCRIPTION**

This project consist in producing sevréal storage tanks for CAUSTIC SODA PLANT located in IZMIR-TURKEY

The scope of works is the design, fabrication and CFR transport.

Volume : 6 GRP Storage tanks of 30 & 40 m3

## GCER'S EQUIPEMENT'S REFERENCES

<b>Order N° / Year</b>	OT 3054 / 2021
<b>Project</b>	SUPPLY OF 3 GRP STORAGE TANKS 2 x CAPACITY 100m3 1 x CAPACITY 20m3
<b>END client</b>	EVRON—ENGIE
<b>Destination</b>	METHANISATION
<b>Client</b>	PLASTCOMPOSIT
<b>MEDIUM</b>	méthanisation
<b>Sector</b>	CHEMICALS
<b>country</b>	<b>FRANCE</b>
<b>Diameter</b>	DN3500 x 10000 DN2400 x 4900
<b>Pression</b>	ATMOSHERIC
<b>Temperature</b>	AMBIANT

### PROJECT'S DESCRIPTION

This project consist of supply & delivery of 3 storage tanks for METHANISATION process. Scope of supply include the following :

- 2 Tanks of 100m3 with  
⇒ Thermal insulation  
⇒ Ladder with cage  
⇒ Heating coil
- 1 tank of 20m3 with open top







**GRP DOUBLE WALLED TANKS**



<i><b>ORDER N°</b></i>	<i><b>YEAR</b></i>	<i><b>DESCRIPTION</b></i>	<i><b>DIAMETER</b></i>	<i><b>MEDIUM</b></i>	<i><b>CLIENT/ DESTINATION</b></i>	<i><b>SECTOR</b></i>
OT 3021	2020	SUPPLY OF GRP DOUBLE WALLED TANKS WITH CE CERTIFICATION	DN1600 x 7000	-	FIBERPIPE *GERMANY*	CHEMICALS
OT 3035	2021	SUPPLY OF PVC DUAL LAMINATE GRP TANK	DN3000 & DN6000	-	*ITALY*	CHEMICALS
OT 3060	2021	SUPPLY OF 2 GRP VERTICAL TANKS	DN 3000		*ITALY*	CHEMICALS
OT 3062	2021	SUPPLY OF 3 GRP TANKS	DN3500 & DN2500	-	FIBERPIPE *GERMANY*	CHEMICALS
OT 3063	2021	SUPPLY OF GRP VERTICAL TANK	DN 4000		*ITALY*	CHEMICALS



GRP HORIZONTAL TANK



GRP SILOS DOUBLE WALL WITH INSULATION



<i>ORDER N°</i>	<i>YEAR</i>	<i>DESCRIPTION</i>	<i>DIAMETER</i>	<i>MEDIUM</i>	<i>CLIENT/ DESTINATION</i>	<i>SECTOR</i>
OT 3102	2021	SUPPLY OF 2 GRP TANKS	DN 3000		*ITALY*	CHEMICALS
OT 3106	2021	SUPPLY OF 2 GRP SILOS DOUBLE WALL WITH INSULATION	DN 2500 AND DN 3000	-	*ITALY*	CHEMICALS
OT 3155	2021	SUPPLY OF 2 GRP STORAGE TANKS		-	WATERLEAU *TUNISIA*	WATER
OT 3171	2021	SUPPLY OF PVC-U/FRP VERTICAL TANK 150m <sup>3</sup> /INSULATED	DN4000	-	*ITALY*	CHEMICALS
OT 3172	2021	SUPPLY OF PVC-U/FRP VERTICAL TANK 75m <sup>3</sup>	DN4000	-	*ITALY*	CHEMICALS





PVC-LAMINATED TANK



GRP HORIZONTAL TANK



<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDIUM</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 3197	2021	SUPPLY OF GRP HORIZONTAL TANK	DN2200	-	FIBERPIPE *GERMANY*	CHEMICALS
OT 3288	2021	TANK HORIZONTAL PVC-LAMINATED DN1500 - 5m <sup>3</sup>	DN1500	Chemical FLUID	Italy	chemical
OT 3303	2021	GRP STORAGE TANKS	Different diameter	Chemical FLUID	FUBA *TUNISIA*	Used water
OT 3314	2021	SUPPLY OF 3 GRP TANK 100m <sup>3</sup>	DN3500		PLAST COMPOSITE *France*	ENVIRONMENT

<b>Order N° / Year</b>	OT 3250/ 2021
<b>Project</b>	SUPPLY OF 50 GRP & PP-GRP TANKS & EQUIPMENT FOR HY-
<b>Destination</b>	COTE D'IVOIRE
<b>Client</b>	VIOKEM
<b>Sector</b>	CHIMICAL



FILTERS



STORAGE TANKS



DECANTOR DN6000



<b>Medium</b>	HCL / HCL / NaClO / NaOH
<b>Diameter</b>	DN 1600 mm to 6000 mm
<b>Length</b>	From 3 to 12m
<b>Capacity</b>	20 m3 to 300 m3
<b>Pression</b>	ATMOSHERIC / PRESSURE





## GCER'S EQUIPEMENT'S

<b>Order N° / Year</b>	OT 3285/ 2021
<b>Project</b>	SUPPLY OF PP-GRP WATER TANK FOR WASTE WOOD COGENERATION PLANT
<b>Destination</b>	FRANCE
<b>Client</b>	PLAST COMPOSITE—ENGI
<b>Sector</b>	ENVIRONMENT



<b>Diameter</b>	DN 4000 mm
<b>Length</b>	> 16 m
<b>Capacity</b>	190 m3
<b>Pression</b>	ATMOSHERIC
<b>Temperature</b>	UP TO 90°C
<b>Insulation</b>	With PU foam
<b>Accessories</b>	Level indicator—internal & external pipelines



**Order N° / Year**

OT 3350/ 2022

**Project**

SUPPLY OF 2 GRP TANKS  
100m3 FOR METHANISA-  
TION

**Destination**

NOYAL PONTIVY - FRANCE

**Client**

PLAST COMPOSITE

**Sector**

ENVIRONMENT



**Diameter**

DN 3500 mm

**Length**

> 11.8 m

**Capacity**

190 m3

**Pression**

ATMOSHERIC

**Temperature**

UP TO 90°C

**Insulation**

With PU foam

**Accessories**

Level indicator  
internal external pipelines  
Heating coli  
agitator





<i><b>ORDER N°</b></i>	<i><b>YEAR</b></i>	<i><b>DESCRIPTION</b></i>	<i><b>DIAMETER</b></i>	<i><b>MEDIUM</b></i>	<i><b>CLIENT/ DESTINATION</b></i>	<i><b>SECTOR</b></i>
OT 3064	2021	SUPPLY OF GRP TANK	DN2500 & DN4500	HCL 30%	KEMONE *FRANCE*	CHEMICALS
OT 3344	2022	SUPPLY OF 2 GRP STORAGE TANK 50m <sup>3</sup> & 3 GRP STORAGE TANK 100m <sup>3</sup>	DN 4000mm	HCL 30% DRINKING WATER	EJM *TUNISIA*	CHEMICALS
OT 3348	2022	SUPPLY OF GRP HORIZONTAL TANK	DN 2000mm	sodium hypochlo- rite	KEMONE *France*	CHEMICALS
OT 3384	2022	SUPPLY OF 1 GRP STORAGE TANK 100m <sup>3</sup>	DN 4500mm	EFFLUENT	ERCTC-SEDIBEX *France*	CHEMICALS
OT 3388	2022	SUPPLY OF 1 PVC LAMINATED TANK 30m <sup>3</sup>	DN 2500mm	sulfuric acid 96%	ROUSSEAU *France*	CHEMICALS



<i><b>ORDER N°</b></i>	<i><b>YEAR</b></i>	<i><b>DESCRIPTION</b></i>	<i><b>DIAMETER</b></i>	<i><b>MEDIUM</b></i>	<i><b>CLIENT/ DESTINATION</b></i>	<i><b>SECTOR</b></i>
OT 3398	2022	SUPPLY OF 2 GRP STORAGE TANKS 50M3 NSF CERTIFIED	DN 3000mm	DRINKING WA- TER	PRIMAQUA *TUNISIA*	WATER
OT 3399	2022	SUPPLY OF GRP STORAGE TANK	DN 5000mm	WATER	*ITALY*	WATER
OT 3456	2022	SUPPLY OF GRP STORAGE TANK 50m <sup>3</sup>	DN 3500mm	BRINE (NaCl + H2O)	INOVYN *France*	CHEMICAL
OT 3477	2022	SUPPLY OF 5 GRP STORAGE TANKS 100m <sup>3</sup> AND 80m <sup>3</sup>	DN 3500mm	METHANISATION	PLAST COMPOSITES / ENGIE / Bio- deck	METHANISATION





# GCER'S EQUIPEMENT'S REFERENCES

<b>Order N° / Year</b>	OT 3500 / 2022
<b>Project</b>	SUPPLY OF 7 GRP STORAGE TANKS CAPACITY 100m3
<b>END client</b>	TREDI
<b>Destination</b>	site de Saint-Vulbas
<b>Client</b>	TREDI
<b>MEDIUM</b>	BRINE
<b>Sector</b>	ENVIRONNEMENT
<b>country</b>	FRANCE

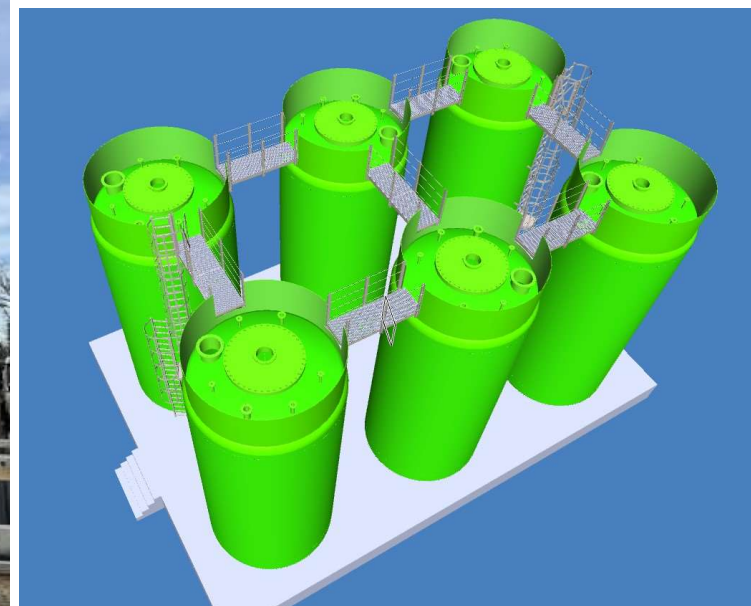
<b>Diameter</b>	6 x DN4000 x 8000
<b>Pression</b>	ATMOSHERIC
<b>Temperature</b>	AMBIANT



## PROJECT'S DESCRIPTION

This project consist of supply & delivery of 7 tanks for an extention storage capacity of brine. Scope of supply include the following :

- 7 Tanks of 100m3 with the following accessories
  - ⇒ Thermal insulation
  - ⇒ Stainless steel platforms
  - ⇒ Stainless steel Ladder with cage
  - ⇒ Stainless steel Heating coil
  - ⇒ Agitator support





<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDIUM</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 3516	2022	SUPPLY OF GRP STORAGE TANK 200m <sup>3</sup>	DN 5000mm	HCL 32%	SGTM *Tunisia*	CHEMICALS
OT 3525	2022	SUPPLY OF GRP STORAGE TANK 60m <sup>3</sup>	DN 3000mm	DEMIN WATER	FIBERPIPE /DOOSAN *GERMANY*	WATER
OT 3562	2022	SUPPLY OF GRP STORAGE TANK 50m <sup>3</sup> NSF CERTIFIED	DN 3000mm	DRINKING WA- TER	BK FOOD *Tunisia*	FOOD
OT 3593	2022	SUPPLY OF 1 GRP STORAGE TANK 50M3 NSF CERTIFIED	DN 3000mm	DRINKING WA- TER	PRIMAQUA *TUNISIA*	WATER





## GCER'S EQUIPEMENT'S REFERENCES

<i><b>ORDER N°</b></i>	<i><b>YEAR</b></i>	<i><b>DESCRIPTION</b></i>	<i><b>DIAMETER</b></i>	<i><b>MEDIUM</b></i>	<i><b>CLIENT/ DESTINATION</b></i>	<i><b>SECTOR</b></i>
OT 3613	2023	SUPPLY OF 2 GRP STORAGE TANK 30M3	DN 3000mm	SOLUTION NaHS	VYNOVA *France*	CHEMICALS
OT 3647	2023	SUPPLY OF 3 GRP STORAGE TANK 30M3	DN 3000mm	Water NSF certification	SBT *TUNISIA*	WATER
OT 3648	2023	SUPPLY OF 38 GRP STORAGE TANK 30M3	DIFFERENT DIAMETRES	DIFFERENT FLUID	SKB *POLAND*	CHEMICALS
OT3697	2023	SUPPLY OF GRP horizontal STORAGE TANK	DN 2000mm		LyondellBasell *France*	CHEMICALS



<i><b>ORDER N°</b></i>	<i><b>YEAR</b></i>	<i><b>DESCRIPTION</b></i>	<i><b>DIAMETER</b></i>	<i><b>MEDIUM</b></i>	<i><b>CLIENT/ DESTINATION</b></i>	<i><b>SECTOR</b></i>
OT 3663	2023	SUPPLY OF 2 STORAGE TANK PVC DUAL LAMINATED	DN 4000mm		*ITALY*	CHEMICALS
OT 3753	2023	SUPPLY OF HORIZONTAL STORAGE TANK PVC DUAL LAMINATED	DN 2200mm		*ITALY*	CHEMICALS



# DUCTS

## **PRODUCTS:**

- ***DUCTS (RECTANGULARS HAPE/  
CIRCULAR SHAPE)***

## GRP EQUIPEMENT'S REFERENCES



<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 1298	2012	SUPPLY OF GRP BOILERWORKS EQUIPMENTS, TANKS & WASHING TOWER FOR MDHILA PROJECT DN1600/DN800	MDHILA PROJECT	SOCOMENIN *TUNISIA*	ENVIRON- MENT
OT 1670	2015	SUPPLY OF GRP PIPES AND DUCTS DN2200	ARCELOR MITTAL PROJECT	CMI *France*	MINING
OT 1821	2016	SUPPLY OF GRP PIPES AND DUCTS	KEM ONE PROJECT	EPPI *FRANCE*	ENVIRON- MENT





<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 1847	2016	SUPPLY OF GRP DUCTS AND VENTURI DN1800/ DN1000	ROSIER	CITP *NETHERLAND*	ENVIRON- MENT
OT 1821	2016	SUPPLY OF GRP PIPES AND DUCTS		EPPI *France*	ENVIRONMENT
	2017	SUPPLY OF GRP PIPES AND DUCTS DN2200		CMI *France*	ENVIRONMENT



<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2130	2017	SUPPLY OF GRP DUCTS DN 2200	HERNINGVÆRKET FLUE GAS COOLING	LAB *DENMARK*	ENVIRONMENT
OT 2348 & OT 2371	2018	SUPPLY OF GRP DUCT S AND EQUIPEMENT	SUD POTASS	France EVAPORATION *TUNISIA*	CHIMICAL



## GRP EQUIPEMENT'S REFERENCES



<b>Order N° / Year</b>	<b>OT 2437 / 2018</b>
<b>Project</b>	<b>SUPPLY OF GRP DUCTS &amp; PIPELINES FOR OCP SAFI</b>
<b>Destination</b>	<b>MOROCCO</b>
<b>Client</b>	<b>CMI MAROC</b>
<b>Sector</b>	<b>ENVIRONMENT</b>
<b>Diameter</b>	<b>From ND25 to ND3200</b>
<b>Pressure</b>	<b>PN10 — - 600/600 mm CE</b>
<b>Temperature</b>	<b>80°C</b>
<b>Medium</b>	
<b>DURATION</b>	<b>5 Months</b>
<b>TRANSPORT</b>	<b>3 Boats</b>



### **PROJECT' S DESCRIPTION**

This project consist in producing GRP pipelines & ducts for the implantation of a new process on OCP plant at SAFI.

These process permits to reduce the fluorinated waste.

Pouce realized: 31 892 "

GRP rings for each 3000mm

approximate weight: 359 tonnes







**MARINE TRANSPORT**



**LAND TRANSPORT TO THE SITE**







<i><b>ORDER N°</b></i>	<i><b>YEAR</b></i>	<i><b>DESCRIPTION</b></i>	<i><b>PROJECT</b></i>	<i><b>CLIENT/ DESTINATION</b></i>	<i><b>SECTOR</b></i>
OT 1298	2012	SUPPLY OF GRP BOILERWORKS EQUIPMENTS, TANKS & WASHING TOWER FOR MDHILA PROJECT DN1600/DN800	MDHILA PROJECT	SOCOMENIN *TUNISIA*	ENVIRONMENT
OT 1847	2016	SUPPLY OF GRP DUCTS AND VENTURI DN1800/DN1000	ROSIER	CITP *NETHERLAND*	ENVIRONMENT
OT 2590	2019	SUPPLY OF GRP RECTANGULAR DUCT 2000 mm X 1100 mm		ERCTC *France*	CHEMICALS
OT 2684	2019	SUPPLY OF GRP DUCTS /CHUTES	CAPRICORNIO PROJECT PLANTA LA NEGRA/	ALBERMARLE * CHILE*	MINING



RECTANGULAR DUCT

<i><b>ORDER N°</b></i>	<i><b>YEAR</b></i>	<i><b>DESCRIPTION</b></i>	<i><b>PROJECT</b></i>	<i><b>CLIENT/ DESTINATION</b></i>	<i><b>SECTOR</b></i>
OT 2972	2020	SUPPLY OF GRP DUCTS DN 2200/DN1600		AMERPLASTIC *NETHERLAND*	ENVIRONMENT
OT 3153	2021	SUPPLY OF GRP DUCTS AND LAUNDER		GLENORE *CANADA*	MINING
OT 3233	2021	SUPPLY OF FRP CHIMNEY, DN 1500 HEIGHT 20m		*ITALY*	ENVIRONMENT
OT 3306	2021	SUPPLY OF FRP CHIMNEY, DN 1200 HEIGHT 20m		*ITALY*	ENVIRONMENT
OT 3595	2022	SUPPLY OF GRP DUCTS DN1600	Göteborg	LAB *SWEDEN*	ENVIRONMENT





<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 3153	2021	SUPPLY OF GRP DUCTS AND LAUNDER	CEZINC	GLENORE *CANADA*	MINING



# GRP ROAD TANK

## **PRODUCTS:**

- **ROAD TANK**
- **ISOTANK**





GRP ROAD TANK



GRP ROAD TANK



GRP ISO TANKS

<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 1950	2016	SUPPLY OF GRP CHLORIDRIC ROAD TANK CAPACITY 25M3	DN 2000	ADWAN CHEMICALS ALGERIA *ALGERIA*	CHEMICALS
OT 2204	2017	SUPPLY OF GRP HYPOCHLORITE ROAD TANK CAPACITY 20M3	DN 2000	PALLISER *TUNISIA*	CHEMICALS
OT 2204	2017	SUPPLY OF GRP HYPOCHLORITE ROAD TANK CAPACITY 20M3	DN 2000	SMTT *TUNISIA*	CHEMICALS
OT 2204	2018	SUPPLY OF GRP PHOSPHORIC ACID ROAD TANK CAPACITY 20M3	DN 2000	SMTT *TUNISIA*	CHEMICALS
OT 2315	2018	SUPPLY OF GRP HYPOCHLORITE ROAD TANK CAPACITY 20M3	DN 2000	TAC *TUNISIA*	CHEMICALS



GRP ROAD TANKS

<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2408	2018	SUPPLY OF 4 GRP CHLORIDRIC ACID / HYPOCHLORITE ROAD TANK CAPACITY 20M3 & 18M3 PN4	DN 2000	SARL SASKO *ALGERIA*	CHEMICALS
OT 2422	2018	SUPPLY OF 2 GRP CHLORIDRIC ACID ROAD TANK CAPACITY 5M3	DN 1500	SNCPA *TUNISIA*	CHEMICALS
OT 2511	2018	SUPPLY OF GRP CHLORIDRIC ACID ROAD TANKS CAPACITY 20M3 PN4	DN 2000	SARL SASKO *ALGERIA*	CHEMICALS
OT2606	2019	SUPPLY OF 2 GRP CHLORIDRIC ACID / HYPOCHLORITE ROAD TANKS CAPACITY 20M3	DN 2000	SARL SEKOUTI FRERES *ALGERIA*	CHEMICALS
OT2686	2019	SUPPLY OF 2 GRP CHLORIDRIC ACID ROAD TANKS CAPACITY 20M3 PN4	DN 2000	SARL SASKO *ALGERIA*	CHEMICALS





GRP ROAD TANKS

<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2719	2019	SUPPLY OF GRP CHLORIDRIC ACID ROAD TANK CAPACITY 13M3	DN 1800	SMTT *TUNISIA*	CHEMICALS
OT 2785	2019	SUPPLY OF GRP hyp ACID ROAD TANK CAPACITY 18M3	DN 2000	COSME COMPANY *ALGERIA*	CHEMICALS
OT 2871	2020	SUPPLY OF 4 GRP HYPOCHLORITE ROAD TANKS CAPACITY 20M3 PN4	DN 2000	SARL SOHYSO *ALGERIA*	CHEMICALS



GRP ROAD TANKS

<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2917	2020	SUPPLY OF 4 GRP HYPOCHLORITE ROAD TANKS CAPACITY 20M3 & 18M3 PN4	DN 2000	SARL SASKO *ALGERIA*	CHEMICALS
OT 3368	2022	SUPPLY OF GRP TANKROAD TANKS CAPACITY 20M3	DN 2000	L'AQUACULTURE TUNIS- SIENNE *TUNISIA*	AGRI-FOOD
OT 3377	2022	SUPPLY OF 2 GRP HYPOCHLORITE ROAD TANKS CAPACITY 20M3 PN4	DN 2000	SARL SOHYSO *ALGERIA*	CHEMICALS
OT 3560	2022	SUPPLY OF 6 GRP HYPOCHLORITE ROAD TANKS CAPACITY 20M3	DN 2000	SARL BLACK SPEED *ALGERIA*	CHEMICALS



# GRP FILTERS

## **PRODUCTS:**

- **SAND FILTERS**
- **CATRIDGES FILTERS**
- **BASKET STRAINERS FILTERS**
- **ACTIVE CARBON FILTERS**
- **BAG FILTERS**
- **MEMBRANE HOUSING**
- **STATIC MIXERS**

## **SECTORS:**

- **DESALINATION**
- **FOOD INDUSTRY**
- **PROCESS WATER**
- **AGRICULTURE**
- **CHEMISTRY**

## GRP EQUIPEMENT'S REFERENCES



<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 1082	2010	SUPPLY OF GRP FILTER BASKET	DN 1200 mm	G.C.T	MINING
OT 2061	2017	SUPPLY OF 10 GRP BASKETS FILTERS	SWRO Barka IV (OPWPC)	PIEDMONT-DEGREMONT *OMAN*	WATER
OT 2068	2017	SUPPLY OF GRP CATRIDGE FILTERS	EMAL extension	PIEDMONT-FUTURE TECNOLOGIES *UAE*	WATER
OT 2072	2017	SUPPLY OF GRP HV FILTER	TUAS III	PIEDMONT-FUTURE TECNOLOGIES *SINGAPORE*	WATER



## GRP EQUIPEMENT'S REFERENCES



GRP FILTERS

<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2073	2017	SUPPLY OF GRP HV FILTER	Alpha Utilities ext	PIEDMONT-ALPHA UTILITIES *UAE*	WATER
OT 2101	2017	SUPPLY OF GRP FILTERS	AL HAMRA WATER CO	PIEDMONT-Tedagua *UAE*	WATER
OT 2162	2017	SUPPLY OF 2 GRP FILTERS	UET Water -USA	PIEDMONT-UET Water *USA*	WATER
OT 2164	2017	SUPPLY OF 30 GRP FILTERS Q-STYLE	FOR DUSTRIBUTION IN USA	PIEDMONT-H2O *USA*	WATER



GRP Q - STYLE FILTERS



GRP Q - STYLE FILTERS



GRP Q - STYLE FILTERS

<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2237	2017	SUPPLY OF GRP FILTERS		PIEDMONT-MOSS POINT *USA*	WATER
OT 2308	2017	SUPPLY OF 5 GRP FILTERS		PIEDMONT-OSMOSITEMI	WATER
OT 2394	2018	SUPPLY OF 47 GRP FILTERS Q- STYLE	FOR DUSTRIBUTION IN USA	PIEDMONT-H2O *USA*	WATER
OT 2402	2018	SUPPLY OF GRP FILTERS	ACWA POWER BARKA	PIEDMONT-PACT *OMAN*	WATER
OT 2410	2018	SUPPLY OF 6 GRP FILTERS DN600		PIEDMONT-OSMOSITEMI	WATER





GRP FILTERS

<i><b>ORDER N°</b></i>	<i><b>YEAR</b></i>	<i><b>DESCRIPTION</b></i>	<i><b>PROJECT</b></i>	<i><b>CLIENT/ DESTINATION</b></i>	<i><b>SECTOR</b></i>
OT 2498	2018	SUPPLY OF GRP FILTERS	RELIX WATER	PIEDMONT-RELIX WATER *CHILI*	WATER
OT 2377	2018	SUPPLY OF GRP FILTERS	SHUQAIQ SWRO, 500,000 M3/D	PIEDMONT-ABENGOA *SAUDI ARABIA*	WATER
OT 2394	2018	SUPPLY OF GRP FILTERS	SHUAIBAH SWRO, 250, 000 M3/D	PIEDMONT *SAUDI ARABIA*	WATER
OT 2395	2018	SUPPLY OF GRP FILTERS	SWCC satellite plants, 240,000	PIEDMONT *SAUDI ARABIA*	WATER
OT 2480	2018	SUPPLY OF 15 GRP FILTERS Q- STYLE	PROSERVE	PIEDMONT -PROSERVE *SAUDI ARABIA*	WATER



GRP FILTERS



GRP FILTERS

## GRP EQUIPEMENT'S REFERENCES

<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2546	2018	SUPPLY OF 5 GRP FILTERS DN700		PIEDMONT -VEOLIA *Arabie saoudite*	WATER
OT 2558	2018	SUPPLY OF 2 GRP FILTERS DN1600 + 2 X DN600	AL KHOBAR SWRO, 210,000 M3/D	PIEDMONT *Arabie saoudite*	WATER
OT 2580	2018	SUPPLY OF GRP FILTER DN1000		PIEDMONT -WORLD WATER *Arabie saoudite*	WATER
OT 2582	2018	SUPPLY OF GRP FILTER 4X DN1000 + 1 X DN700	TALARA	PIEDMONT -TEDAGUA *PERO*	WATER
OT 2595	2018	SUPPLY OF GRP FILTER 14 X DN400 + 1 X DN700		PIEDMONT -ACCUAPRODUCT	WATER





GRP FILTERS

<i><b>ORDER N°</b></i>	<i><b>YEAR</b></i>	<i><b>DESCRIPTION</b></i>	<i><b>PROJECT</b></i>	<i><b>CLIENT/ DESTINATION</b></i>	<i><b>SECTOR</b></i>
OT2621	2019	SUPPLY OF GRP 1 FILTER DN 900		PIEDMONT - SIDEM - VEOLIA	WATER
OT2624	2019	SUPPLY OF 103 GRP FILTERS DN700	9 SWRO PLANT	PIEDMONT - ADVANCED	WATER
OT2659	2019	SUPPLY OF GRP 12 FILTERS		PIEDMONT-H2O *MEXICO*	WATER
OT2693	2019	SUPPLY OF GRP 16 FILTERS DN1600 PN10		PIEDMONT - ACCIONA *Arabie saoudite*	WATER
OT2726	2019	SUPPLY OF GRP 10 FILTERS	AGUAS ANTOFAGASTA SWRO	PIEDMONT-ECONSSA *CHILI*	WATER



<i><b>ORDER N°</b></i>	<i><b>YEAR</b></i>	<i><b>DESCRIPTION</b></i>	<i><b>PROJECT</b></i>	<i><b>CLIENT/ DESTINATION</b></i>	<i><b>SECTOR</b></i>
OT2764	2019	SUPPLY OF 6 GRP FILTERS DN1200	DUQM SWRO PLANT 36,000 M3/D	PIEDMONT-TEDAGUA *OMAN*	WATER
OT 2807	2019	SUPPLY OF GRP 34 FILTERS DN1600/ DN1500/DN1400	SHUQAIQ 3 SWRO, 450,000 M3/D	PIEDMONT - ACCIONA *Arabie saoudite*	WATER
OT 2808	2019	SUPPLY OF GRP FILTERS 44 X DN1600 PN6 + 4 X DN1300	TAWEELAH SWRO, 900,000 M3/D	PIEDMONT - ABENGOA *Émirats arabes unis*	WATER
OT 2582	2019	SUPPLY OF GRP FILTERS	RAS AL KHAIMAH SWRO, 100,000 M3/ D	PIEDMONT *Émirats arabes unis*	WATER





<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2820	2019	SUPPLY OF 6 GRP FILTERS DN1200	DUBAL SWRO 180,000 M3/D	PIEDMONT - ACCIONA *Émirats arabes unis*	WATER
OT 2659	2019	SUPPLY OF GRP FILTERS	SOUSSE SWRO, 50,000 M3/D	PIEDMONT - ABENGOA *TUNISIA*	WATER
OT 2815	2019	SUPPLY OF GRP CHARBN FILTER	SEWAGE TREATMENT PLANT SOUSSE	WATER TECHNOLOGIE *TUNISIA*	WATER
OT 2828	2019	SUPPLY OF GRP FILTERS	-	PIEDMONT - METITO *EGYPTE*	WATER
OT 2860	2020	SUPPLY OF PVDF LAINATED FILTER	-	CLEMESSEY SERVICES *FRANCE*	CHEMICALS



<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2866	2020	SUPPLY OF GRP FILTERS	-	PIEDMONT - METITO *EGYPTE*	WATER
OT 2887	2020	SUPPLY OF 18 GRP FILTERS Q-STYLE	AL DAYER	PIEDMONT - *Arabie saoudite**	WATER
OT 2898	2020	SUPPLY OF 15 GRP FILTERS Q-STYLE		PIEDMONT - MAGNA IMPERIO	WATER



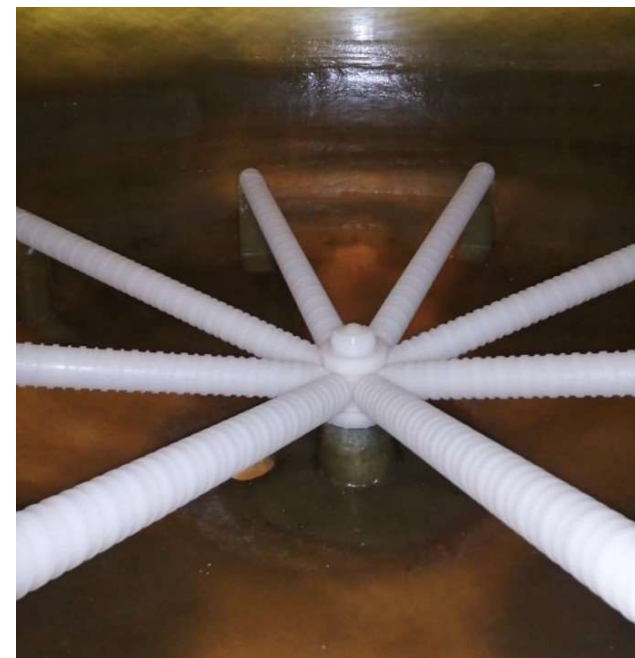


GRP ACTIVE CARBON FILTER



GRP ACTIVE CARBON FILTER

## GRP EQUIPEMENT'S



<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2906	2020	SUPPLY OF 2 GRP ACTIVE CHARBON FILTERS DN1000 PN10	DONAU CARBON	FIBERPIEP *GERMANY*	WATER
OT 2915	2020	SUPPLY OF GRP FILTERS	EL ARISH SWRO, 80,000 M3/D	PIEDMONT - METITO *EGYPT*	WATER
OT 3045	2020	SUPPLY OF 30 GRP FILTERS DN1600 PN6/PN10	JUBAIL 3A SWRO, 600,000 M3/D	PIEDMONT - ABENGOA *Arabie saoudite*	WATER
OT 3045	2020	SUPPLY OF 7 GRP FILTERS	HONG KONG , 135,000 M3/D	PIEDMONT- ACCIONA	WATER
OT 3044	2020	SUPPLY OF GRP ACTIVE CHARBON FILTER DN1800 PN10	SBT	HYDROPRO *TUNISIA *	WATER



## GRP EQUIPEMENT'S REFERENCES

<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2925	2020	SUPPLY OF 6 GRP FILTERS DN1500	ZARAT SWRO, 100,000 M3/D	PIEDMONT –WABAG *Tunisia*	WATER
OT 3069	2021	SUPPLY OF 6 GRP FILTERS DN1500	HONG KONG SWRO, 100,000 M3/D	PIEDMONT -ACCIONA *HONG KONG*	WATER
OT 3145	2021	SUPPLY OF 1 GRP FILTER DN1400		PIEDMONT –ADASSA	WATER





<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 3218	2021	SUPPLY OF 4 GRP FILTER DN900		SONEDE –TUNISIA	WATER
OT 3219	2021	SUPPLY OF 4 GRP FILTERS DN1300	LAGUNA LAKE SWRO, 150,000 M3/D	PIEDMONT -ACCIONA *LAGUNA LAKE *	WATER
OT 3234	2021	SUPPLY OF 6 GRP FILTERS DN1200		PIEDMONT -ACCIONA *WORLD WATER	WATER



<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 3228	2021	SUPPLY OF 32 GRP FILTERS DN1900 & DN1400	-	PIEDMONT -ACCIONA *Arabie saoudite*	WATER
OT 3320	2022	SUPPLY OF 3 GRP FILTERS DN800 & D N600		Fiberpipe -BHS Sonthofen *GERMANY*	WATER
OT 3438	2022	SUPPLY OF 13 GRP FILTERS DN1600	SFAX SWRO 100,000 M3/D	PIEDMONT METITO ORASCOM JV	WATER





<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 3440	2022	SUPPLY OF 5 GRP FILTERS DN1700 PN6.5 & 1 FILTER DN1200	Barka 5 SWRO 100,000 M3/D	PIEDMONT -GS INIMA *OMAN*	WATER
OT 3450	2022	SUPPLY OF 30 GRP FILTERS DN1600	JUBAIL 3b SWRO, 570,000 m3/ D	PIEDMONT -ACCIONA *Arabie saoudite*	WATER
OT 3489	2022	SUPPLY OF 7 GRP FILTERS SEPARATRO DN1200		FIBERPIPE *Germany*	WATER



<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 3446	2022	SUPPLY OF 5 GRP FILTERS DN1000		PIEDMONT –BIWATER	WATER
OT 3532	2022	SUPPLY OF 6 GRP FILTERS DN1300		PIEDMONT –ANTOFAGASTA	WATER
OT 3563	2022	SUPPLY OF 2 GRP FILTERS DN1000		PIEDMONT	WATER



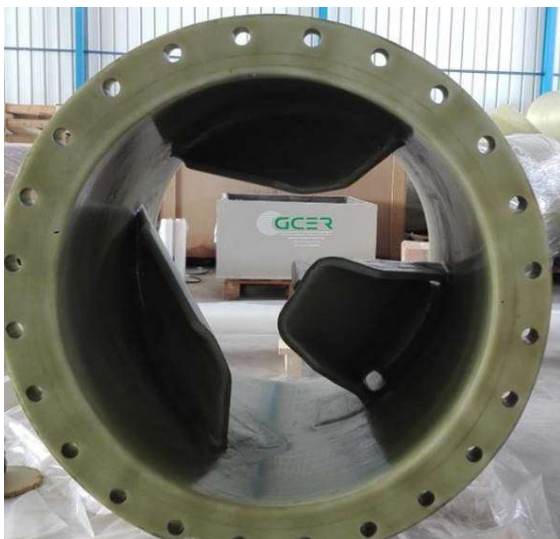
# GRP STATIC MIXERS

## **PRODUCTS:**

- **STATIC MIXERS**

## **SECTORS:**

- **DESALINATION**
- **FOOD INDUSTRY**
- **PROCESS WATER**



<b>ORDER</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 3087	2020	SUPPLY OF 7 STATIC MIXERS 4 x DN2400 & 3 x DN1800	JUBAIL 3A	FIBERPIPE – SULZER *SAUDI ARABIA*	WATER
OT 3090	2020	SUPPLY OF STATIC MIXER DN600	NUNGUA	FIBERPIPE – SULZER *ACCRA, GHANA*	WATER
OT 3103	2021	SUPPLY OF STATIC MIXER DN800	WWHERBRING	FIBERPIPE – SULZER *GERMANY *	WATER
OT 3110	2021	SUPPLY OF STATIC MIXER DN800	VEOLIA	FIBERPIPE - SULZER *PERSAN <b>FRANCE</b> *	WATER

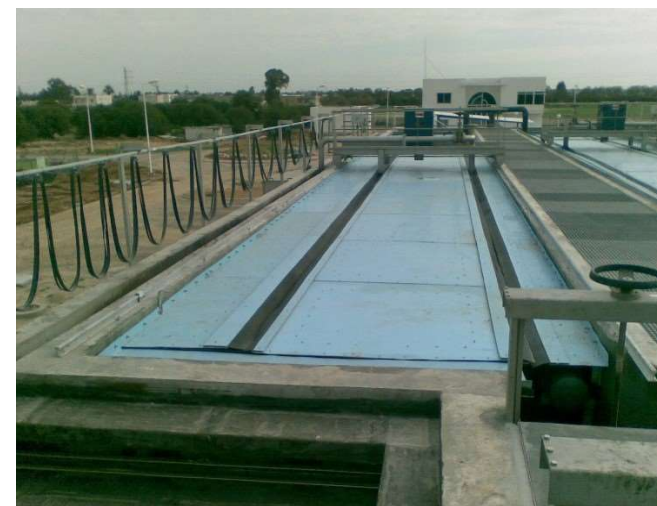


# **GRP COVERS & PANELS**



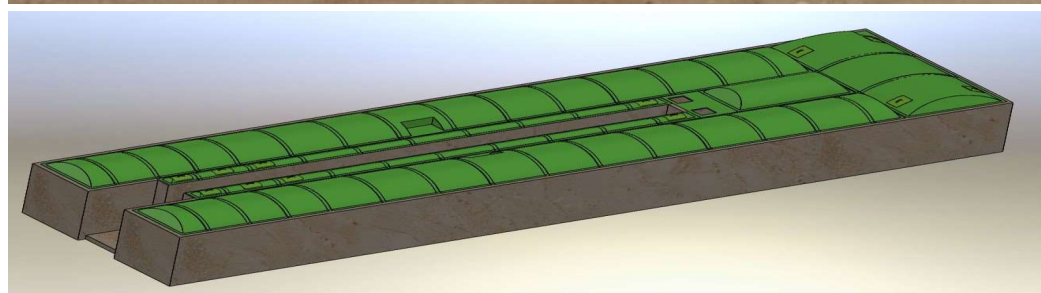
<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 534	2006	GRP COVER FOR THICKENER & PRIMARY AND SECONDARY DECANTERS	SEWAGE TREATMENT PLANT *SUD MELIANE*	SOROUBAT *TUNISIA*	SEWAGE TREATMENT
	2006	GRP COVER FOR THICKENER & PRIMARY AND SECONDARY DECANTERS	SEWAGE TREATMENT PLANT *CHOTRANA*	SOROUBAT *TUNISIA*	SEWAGE TREATMENT
OT 557	2006	GRP COVER FOR THICKENER & PRIMARY AND SECONDARY DECANTERS	SEWAGE TREATMENT PLANT	BONNA *TUNISIA*	SEWAGE TREATMENT
OT 994	2010	GRP COVER FOR THICKENER & PRIMARY AND SECONDARY DECANTERS	SEWAGE TREATMENT PLANT *HERGLA & ENFIDHA*	VA TECH WABAG	SEWAGE TREATMENT





<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
	2010	GRP COVER FOR THICKENER & PRIMARY AND SECONDARY DECANTERS	SEWAGE TREATMENT PLANT *Hammam Sousse *	TUNIBER-TEDAGUA *TUNISIA	SEWAGE TREATMENT
OT 1179	2012	GRP COVER FOR THICKENER & PRIMARY AND SECONDARY DECANTERS	SEWAGE TREATMENT PLANT *Sousse nord*	TUNIBER *TUNISIA*	SEWAGE TREATMENT
OT 1295	2012	GRP COVER FOR THICKENER & PRIMARY AND SECONDARY DECANTERS	SEWAGE TREATMENT PLANT	BONNA *TUNISIA*	SEWAGE TREATMENT
OT 1552	2014	GRP COVER FOR THICKENER	SEWAGE TREATMENT PLANT *MENZEL BOUZELFA *	BONNA *TUNISIA*	SEWAGE TREATMENT

## GRP EQUIPEMENT'S REFERENCES

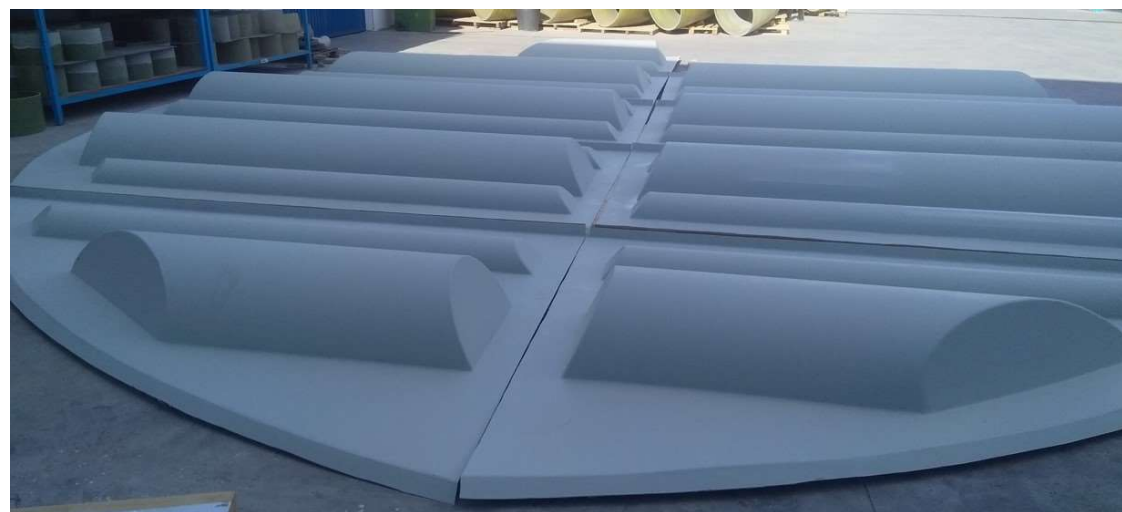


<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 1627	2015	GRP COVER FOR API SKIMMER	PLANT EL-BORMA	SITEP *TUNISIA*	OIL AND GAS
OT 1634	2015	GRP COVER FOR THICKENER & PRIMARY AND SECONDARY DECANTERS	SEWAGE TREATMENT PLANT *NABEUL *	TEDAGUA *TUNISIA*	SEWAGE TREATMENT
OT 1971	2016	GRP COVER FOR THICKENER & PRIMARY AND SECONDARY DECANTERS	SEWAGE TREATMENT PLANT *MAAMOURA*	TUNIBER *TUNISIA*	SEWAGE TREATMENT





<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 2314	2017	GRP COVER FOR	SEWAGE TREATMENT PLANT *BEN GUERDANE *	EPPM *TUNISIA*  *TUNISIA*	SEWAGE TREATMENT
OT 2529	2019	GRP COVER FOR API SKIMMER	PLANT EL-BORMA	SITEP *TUNISIA*	OIL AND GAS
OT 2697	2019	GRP COVER		BOHL PLAST *FRANCE*	CHIMICAL



<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
OT 3075	2020	GRP COVER FOR THICKENER & PRIMARY AND SECONDARY DECANTERS	SEWAGE TREATMENT PLANT *MAHDIA*	TUNIBER *TUNISIA*	SEWAGE TREATMENT
OT 3075	2021	GRP COVER		HASLER *FRANCE*	CHIMICAL
OT 3392	2022	GRP COVER		PLAST COMPOSITE *FRANCE*	CHIMICAL



<i>Order N° / Year</i>	OT 3071/ 2020
<i>Project</i>	CEZINC - Hall 3 extension x 2
<i>Destination</i>	SALABERRY-DE-VALLEYFIELD, QUEBEC,
<i>Client</i>	HAMON THERMAL EUROPE
<i>Sector</i>	MINING INDUSTRY



<i>Panels dimension</i>	Rectangular panels: Width 5000mm, height 9000mm, Length 10000mm Fan stack: circular flange and venturi with ND4200
<i>Pipelines</i>	Water distribution lines ND300 & ND150
<i>Accessories</i>	Corners & plates for assembly, PP doors with davit system
<i>Specification</i>	Fire retardant resin

## GRP EQUIPEMENT'S REFERENCES



### PROJECT'S DESCRIPTION

GCER supplied for HAMON 2 set of pannels, pipelines & accessories for one zinc cooling tower





# SPECIAL PIECES

## **PRODUCTS:**

- **GRP BLOWERS & IMPELLERS**



<b>Diameter</b>	900/1000/1100/1200
<b>Temperature</b>	Max 80°C
<b>specification</b>	Acid-resistant



<b>Order</b>	12/11/2020
<b>Project</b>	FABRICATION OF GRP FAN-HOUSING
<b>Destina-</b>	Germany
<b>Client</b>	HLU
<b>Sector</b>	Air and Environment

## GRP EQUIPEMENT'S REFERENCES



### PROJECT DESCRIPTION

Fabrication of fan-housing for ventilation that is made of corrosion-resistant plastics suitable for chemically contaminated exhaust air and in potentially explosive areas.

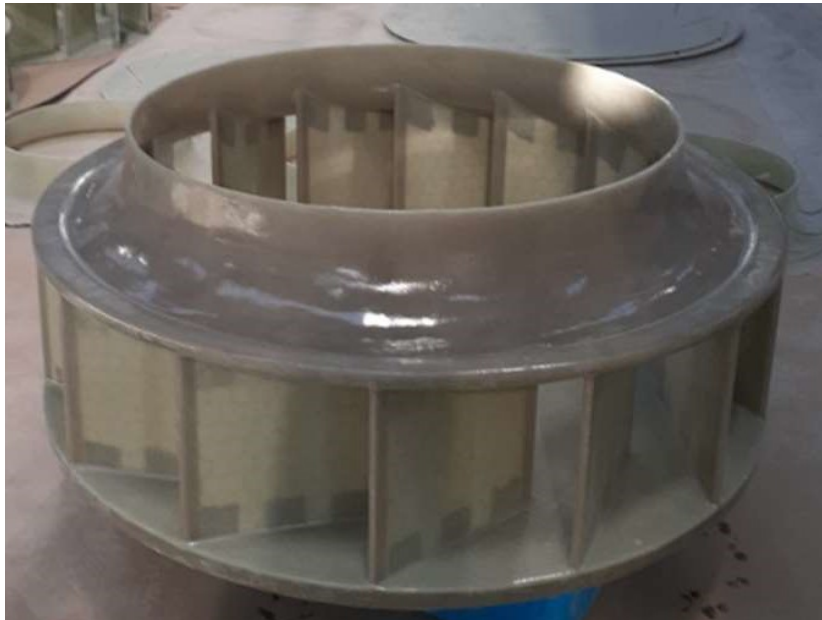






## GRP EQUIPEMENT'S REFERENCES

<b>Order N° / Year</b>	<b>Order EB112370, Order EB112579, Order</b>
<b>Project</b>	<b>Fabrication of FRP Impellers</b>
<b>Destination</b>	<b>Germany</b>
<b>Client</b>	<b>HLU</b>
<b>Sector</b>	<b>Environment</b>



<b>Diameter</b>	<b>560-900</b>
<b>Temperature</b>	<b>Max 80°C</b>
<b>specification</b>	<b>Acid-resistant</b>



### **PROJECT DESCRIPTION**

Fabrication of FRP closed impeller that is the rotative component of the fan. It is both resistant to corrosion and lightweight. During the burst test, it runs around 120m/s without break. The ultra-smooth surface of the blades cylinder with mounted blades inside, circumferentially fixed with disk plates. The hub for mounting the impeller on the shaft is located at the center of the strengthening ring.





# RECTANGULAR TANKS

## **PRODUCTS:**

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GRP TANK

<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>MEDUIM</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
	2015	SUPPLY OF GRP FILTERS STRAINERS		SEA WATER	TUNISIE SUCRE *TUNISIA*	FOOD
OT 1687	2015	SUPPLY OF GRP PICKLING TANK	2700 x 1800 x 2500		MAKLADA *TUNISIA*	INDUSTRY SURFACE TREATMENT
OT 2878	2020	SUPPLY OF GRP TANK	—		L'AQUACULTURE TUNISIENNE *TUNISIA*	AGRI-FOOD
OT 2986	2020	SUPPLY OF GRP RECTANGULAR TANKS CAPACITY 20M3		WATER	North Africa Co *LIBIE*	OIL AND GAS



<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDUIM</b>	<b>CLIENT/ DESTINA- TION</b>	<b>SECTOR</b>
OT 2873	2020	SUPPLY OF GRP TANK	—		ERCTC –ERAMET *FRANCE*	MINING
OT 3368	2022	SUPPLY OF GRP RECTANGULAR TANK CAPACITY 20M3	DN 2000		L'AQUACULTURE TUNISIENNE *TUNISIA*	AGRI-FOOD
OT 3356	2022	SUPPLY OF GRP RECTANGULAR TANK		USED WATER	FIBERPIPE *GERMANY*	WATER





<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>DIAMETER</b>	<b>MEDUIM</b>	<b>CLIENT/ DESTINA- TION</b>	<b>SECTOR</b>
OT 3303	2022	GRP RECTANGULAR TANK	3000 x 35000 x 2500 mm	Used water	FUBA *TUNISIA*	water
OT 3356	2022	GRP RECTANGULAR TANK	3000 x 2000 x 1800 mm	Used water	FIBERPIPE *GERMANY*	water

# SEA WATER STRAINER

## **PRODUCTS:**

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<b>ORDER N°</b>	<b>YEAR</b>	<b>DESCRIPTION</b>	<b>PROJECT</b>	<b>MEDUIM</b>	<b>CLIENT/ DESTINATION</b>	<b>SECTOR</b>
	2009	SUPPLY OF GRP FILTERS STRAINERS	SWRO TENES	SEA WATER	ABEINGOA *ALGERIA*	WATER
	2015	SUPPLY OF GRP FILTERS STRAINERS		SEA WATER	TUNISIE SUCRE *TUNISIA*	FOOD
	2019	SUPPLY OF GRP STRAINERS	SWRO LIMASSOL	SEA WATER	OMOSITEMI *CYPRUS*	WATER