



PT. OSFROSINDO ENGINEERING BATAM

Reverse osmosis, commonly referred to as RO, is a process where you remove a large portion of dissolved solids and other contaminants from water by forcing the water through a semi-permeable reverse osmosis membrane.

Electro Deionization ("EDI Water") High purity water production has traditionally used a combination of membrane separation and ion exchange processes. EDI is a process which combines semi-impermeable membrane technology with ion-exchange media to provide a high efficiency demineralization process.

Wastewater treatment (WWT) is a process to remove harmful contaminants from waste water or sewage produced by households and industrial facilities. Wastewater is full of contaminants including bacteria, chemicals, and other toxins and nutrients.

Why recycling water is important Recycling water allows us to continually reuse one of our most vital resources. Water recycling removes contaminants from wastewater and allows it to re-enter local water systems for use in homes and businesses. Recycling water ensures that the water is safe for consumption and other practical uses.



PT. OSFROSINDO ENGINEERING BATAM

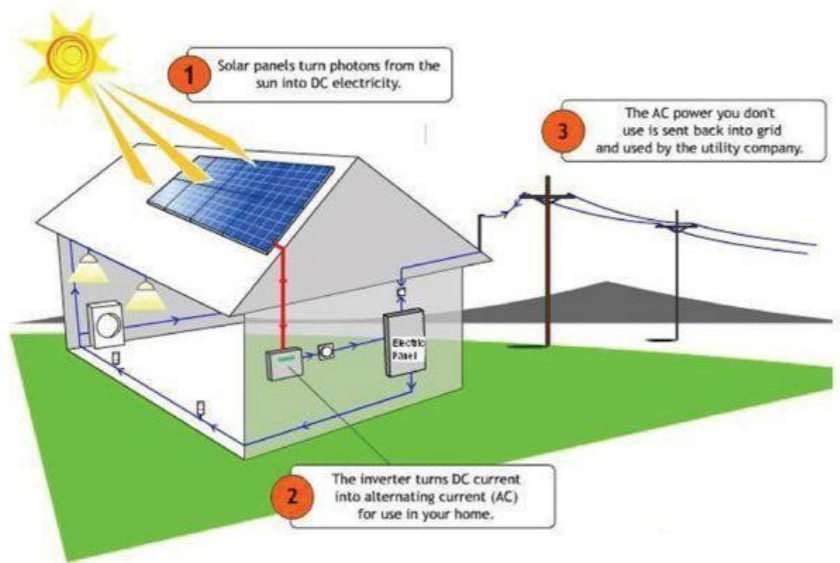
Automation simplifies human activities and it actually reduces operational costs in the long run. Also, a business of any size and nature can automate its processes and improve performance significantly. If you're still not convinced, here are five key benefits of automating your business processes.

1. Cost Effectiveness
2. Time Saving
3. Enhanced Workflow Efficiencies
4. Accuracy and Consistency in Operations
5. Reduced Employee Turnover



Company Main Activities

- GENERAL SUPPLIER
- WATER AND AIR TREATMENT SYSTEM
- WATER RECYCLE SYSTEM
- ELECTRICAL & AUTOMATION SOLUTION
- SOLAR ENERGY
- CIVIL AND STEEL CONSTRUCTION



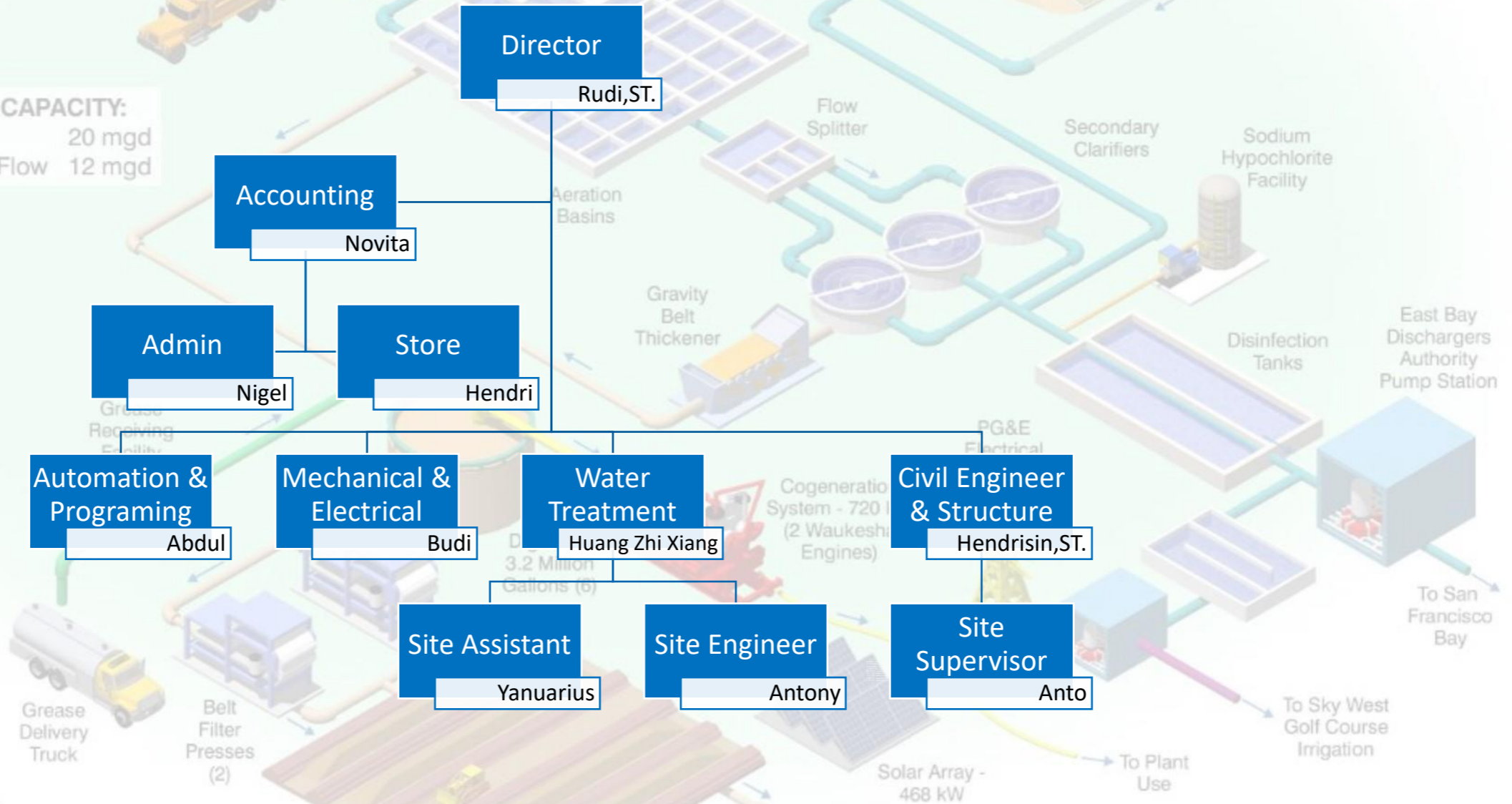
Solar Array - 468 kW

To Plant Use

Irrigation

Organization Chart PT Osfrosindo Engineering Batam

TREATMENT PLANT CAPACITY:
Design 20 mgd
Average Dry Weather Flow 12 mgd



Our Partnership Company



**PT. BATAM WAHANA ARTA
(Batam – Indonesia)**



**Huizhou Juchuang Zhikong Foreign Trade Co., Ltd
(Guandong – China)**



eLeaps
Grease
Delivery
Truck

**Eleaps Sdn Bhd
(Puchong Selangor – Malaysia)**



Company Legality (NIB)


PEMERINTAH REPUBLIK INDONESIA
NOMOR INDUK BERUSAHA (NIB)
9120202420919

Berdasarkan ketentuan Pasal 24 ayat (1) Peraturan Pemerintah Nomor 24 Tahun 2018 tentang Pelayanan Perizinan Berusaha Terintegrasi Secara Elektronik, Lembaga OSS menerbitkan NIB kepada:

Nama Perusahaan : PT OSFROSINDO ENGINEERING BATAM
Alamat Kantor/Korespondensi : KOMPLEK PERTOKOAN GLORY VIEW II BLOK D NO.06,
Kel. Balai Permai, Kec. Batam Kota, Kota Batam, Prov. Kepulauan
Riau
NPWP : 72.798.971.7-215.000
Nomor Telepon : 08127066688
Nomor Fax : -
Email : ofrosindoengineeringbatam@outlook.com
Kode dan Nama KBLI : Lihat Lampiran
Status Penanaman Modal : PMDN


1. NIB merupakan identitas Pelaku Usaha dalam rangka pelaksanaan kegiatan berusaha dan berlaku selama menjalankan kegiatan usaha sesuai ketentuan peraturan perundang-undangan.
2. NIB adalah bukti Pendaftaran Penanaman Modal/Berusaha yang sekaligus merupakan pengesahan Tanda Daftar Perusahaan.
3. Lembaga OSS berwenang untuk melakukan evaluasi dan/atau perubahan atas izin usaha (izin komersial/operasional) sesuai ketentuan peraturan perundang-undangan.
4. Seluruh data yang tercantum dalam NIB dapat berubah sesuai dengan perkembangan kegiatan berusaha
5. Apabila di kemudian hari ternyata terdapat kekeliruan dalam Keputusan ini, maka akan dilakukan perbaikan sebagaimana mestinya.

Ditandatangani tanggal : 1 April 2019 Oleh : Badan Koordinasi Penanaman Modal
Perubahan ke-3 tanggal : 1 Oktober 2020



Dokumen ini diterbitkan melalui Sistem OSS atau dasar data dari pelaku usaha. Keberatan dan perubahan atas data yang dikumpulkan dalam dokumen ini dan data yang tercantum dalam Sistem OSS menjadi tanggung jawab pelaku usaha sepenuhnya.

Dicetak tanggal : 01 Oktober 2020


PEMERINTAH REPUBLIK INDONESIA
NOMOR INDUK BERUSAHA (NIB)
9120202420919

| No. | Kode KBLI | Nama KBLI |
|-----|-----------|--|
| 1 | 47529 | PERDAGANGAN ECERAN BAHAN DAN BARANG KONSTRUKSI LAINNYA |
| 2 | 47521 | PERDAGANGAN ECERAN BARANG LOGAM UNTUK BAHAN KONSTRUKSI |
| 3 | 47721 | PERDAGANGAN ECERAN BAHAN KIMIA |
| 4 | 47793 | PERDAGANGAN ECERAN MESIN LAINNYA DAN PERLENGKAPANNYA |

Dengan ketentuan bahwa NIB tersebut hanya berlaku untuk Nama KBLI dan Kode KBLI yang tercantum dalam lampiran ini

Dicetak tanggal : 01 Oktober 2020

5898925



BADAN NASIONAL
SERTIFIKASI PROFESI
INDONESIAN PROFESSIONAL
CERTIFICATION AUTHORITY

SERTIFIKAT KOMPETENSI
CERTIFICATE OF COMPETENCE

No. 37000 1321.01 00001071 2021

Dengan ini menyatakan bahwa,
This is to certify that,

Rudi

No.Reg. ENV.1456.01071 2021

Telah kompeten pada bidang:
Is competent in the area of:

Pengendalian Pencemaran Air
Water Pollution Control

Dengan kualifikasi/Kompetensi:
With Qualification/Competency:

Penanggung Jawab
Person in Charge

Sertifikat ini berlaku untuk: 3 (tiga) tahun
This certificate is valid for: 3 (three) years

Cikarang, 02 Maret 2021

Atas nama (On Behalf of) BNSP

Lembaga Sertifikasi Profesi Pengendalian Pencemaran Lingkungan
Professional Certification Board for Environmental Pollution Control



Jemmy Chandra Kenawas

Ketua
Chairman



Daftar Unit Kompetensi
List of Competency Units
No. 37000 1321.01 00001071 2021

| No | KODE UNIT <i>Units Code</i> | UNIT KOMPETENSI <i>Competency Units</i> |
|-----|--------------------------------|---|
| 1. | E.370000.001.01 | Mengidentifikasi Sumber Pencemaran Air Limbah <i>Identify Source of Wastewater Pollution</i> |
| 2. | E.370000.002.01 | Menentukan Karakteristik Sumber Pencemaran Air Limbah <i>Determine Characteristic of Wastewater Pollution Source</i> |
| 3. | E.370000.003.01 | Menilai Tingkat Pencemaran Air Limbah <i>Assess Level of Wastewater Pollution</i> |
| 4. | E.370000.006.01 | Menentukan Peralatan Instalasi Pengolahan Air Limbah (IPAL) <i>Determine Wastewater Treatment Equipment</i> |
| 5. | E.370000.007.01 | Mengoperasikan Instalasi Pengolahan Air Limbah <i>Operate Wastewater Treatment Installation</i> |
| 6. | E.370000.008.01 | Melaksanakan Daur Ulang Olahan Air Limbah <i>Recycle Treated Wastewater</i> |
| 7. | E.370000.010.01 | Menyusun Rencana Pemantauan Kualitas Air Limbah <i>Develop Plan for Monitoring Quality of Wastewater</i> |
| 8. | E.370000.011.01 | Melaksanakan Pemantauan Kualitas Air Limbah <i>Monitor Quality of Wastewater</i> |
| 9. | E.370000.012.01 | Mengidentifikasi Bahaya Dalam Pengolahan Air Limbah <i>Identify Hazards in Wastewater Treatment</i> |
| 10. | E.370000.013.01 | Melakukan Tindakan Keselamatan dan Kesehatan Kerja (K3) Terhadap Bahaya Dalam Pengolahan Air Limbah <i>Perform Occupational Safety and Health Act Against Hazards in Wastewater Treatment</i> |

Cikarang, 02 Maret 2021

Lembaga Sertifikasi Profesi
Pengendalian Pencemaran Lingkungan
*Professional Certification Board for
Environmental Pollution Control*



Rudi
Tanda Tangan Pemilik
Signature of Holder

Nurul Lutfiasih
Kepala Bidang Sertifikasi
Head of Certification Division

Contact Us

Batam (Indonesia) Office

Komplek Ruko Glory View II Blok D No. 06

Batam Centre, Batam – Indonesia 29461

Mobile : +62 812 706 6688 (Rudi, ST.)

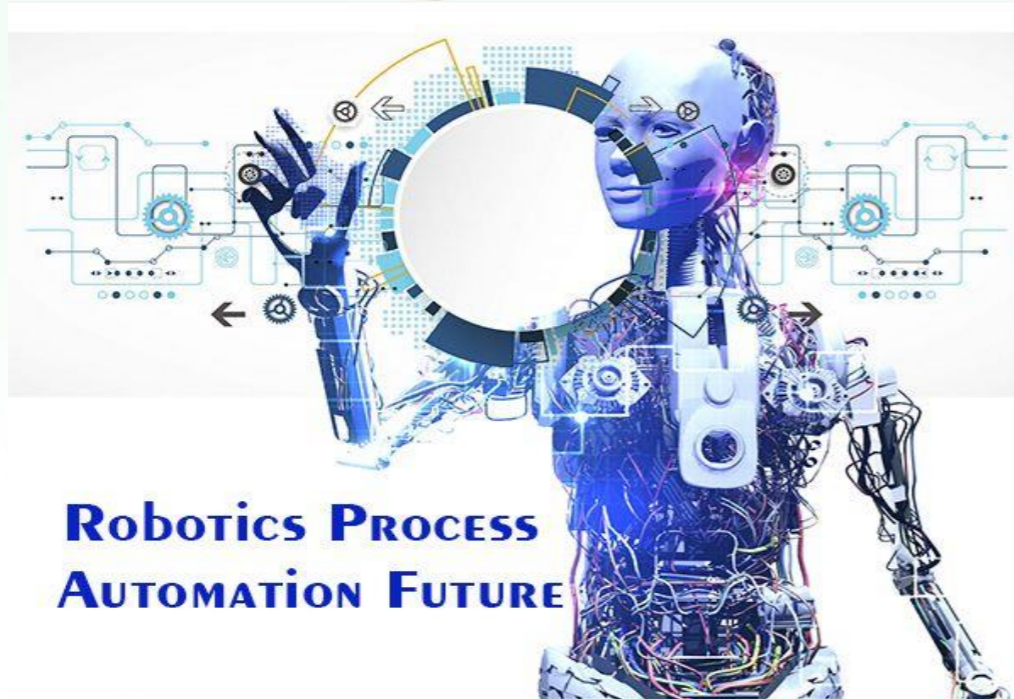
Email : info.office@osfrosindo.com



Office

Mobile : +62 852 8288 2626 (Whatsapp)

Email : finance@osfrosindo.com



Product - Chemical Pump



Authorized Amforce



Air Dryer, Rectifier and Chiller



Air Chiller (size 500mm x 960mm x 880mm)
Max. Capacity : 6.6m³/min
Refrigerant : R410a
ref. Compressor : 1.25HP

Air Pressure Tank (Size : Dia.800mm x H.2180mm)
Weight : 225kg
Capacity : 1m³
Air Pressure 1.05Mpa



High Frequency Rectifier
Fan Cooling System
Size : L720mm x W470mm x H920mm
Output : 1500 Amp, 12 Volt
Power : 18kW, 380V, 3Phase

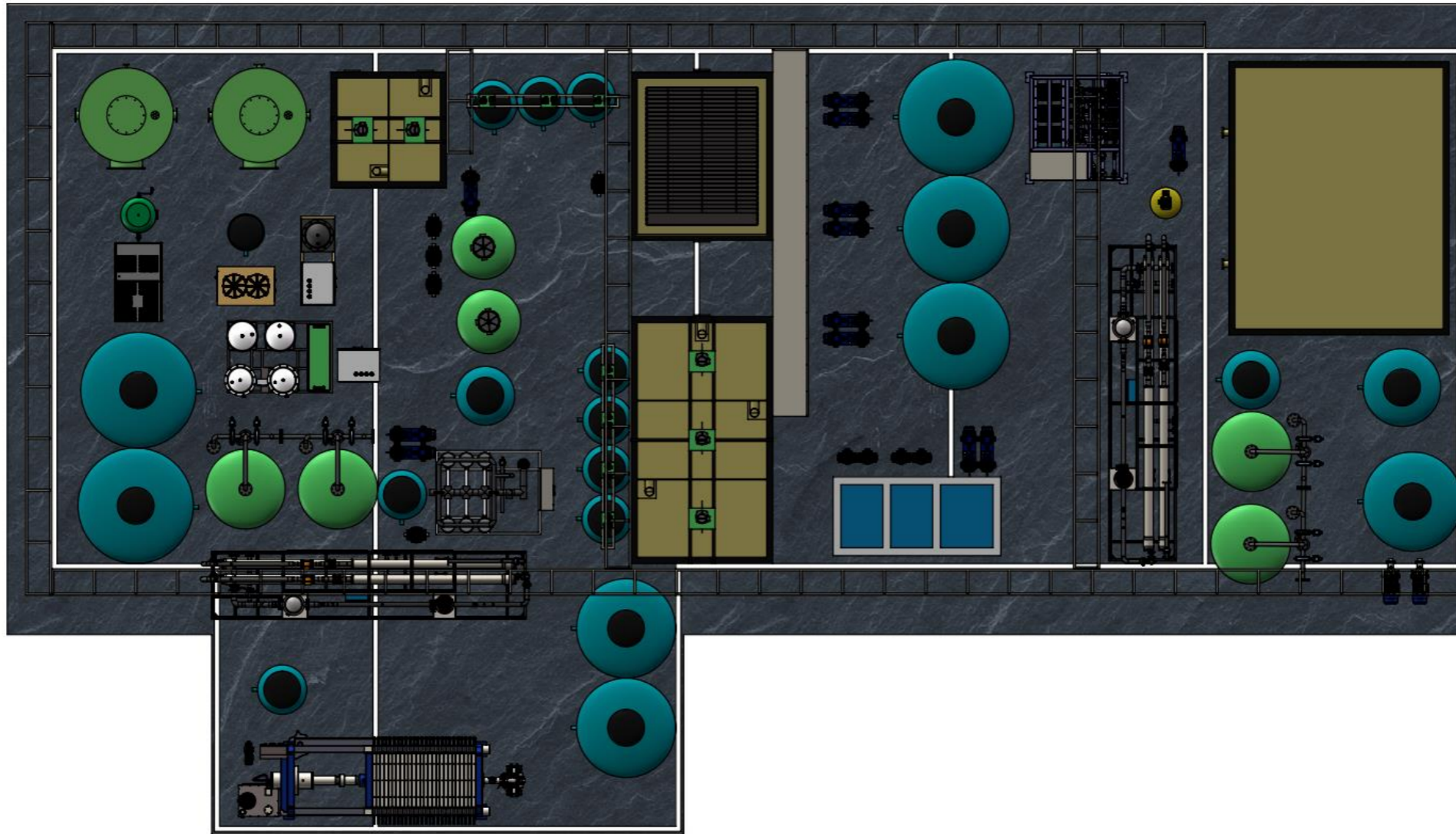


Fan Cooling Chiller
Capacity 2 x 5HP
Refrigerant : R404
Power 28kW, 380V, 50Hz
Cooling Capacity : 24.089 kcal/hr



Water Treatment and Recycle System (PT. Amtek Engineering Batam)

TREATMENT
Design
Average Dry



East Bay
Dischargers
Authority
Pump Station

To San
Francisco
Bay

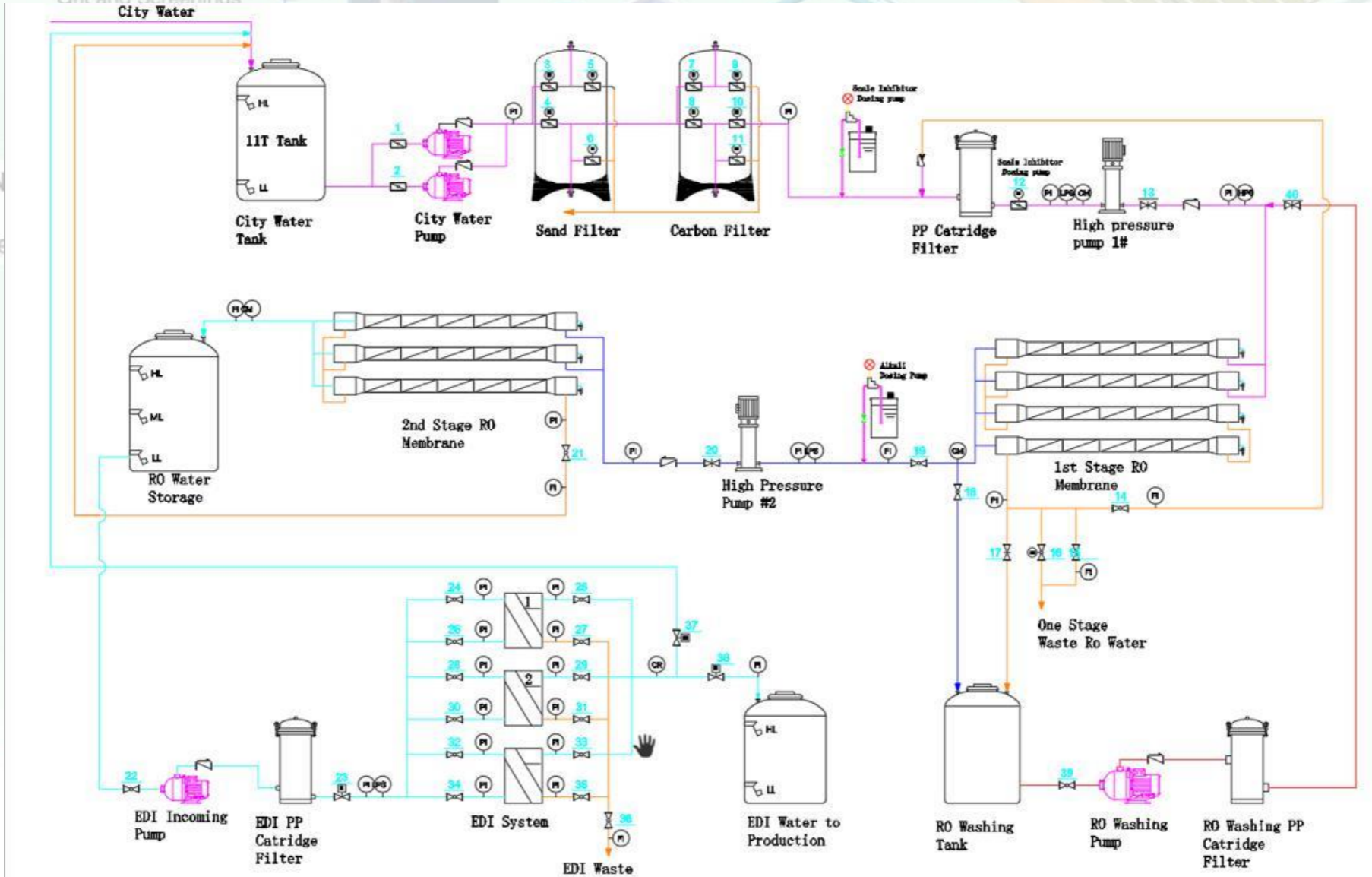
West
use
Irrigation

Solar Array -
468 kW
To Plant
Use



Water Treatment System (EDI Water System)

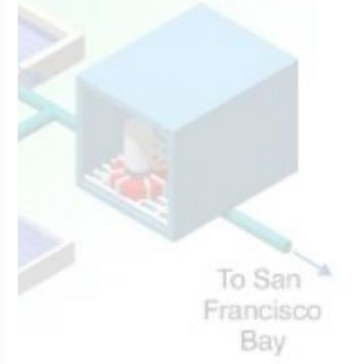
TREATMENT PLAN
Design
Average Dry Weather



ium
chlorite
stability

ection
tanks

East Bay
Dischargers
Authority
Pump Station



To Sky West
Golf Course
Irrigation



Solar Array -
468 kW
Use

Water Treatment System (EDI Water System)



(2)

Solar Array -
468 kW

Use

Water Treatment System (EDI Water System)

RO Capacity 14Ton/Hr and EDI Capacity 12Ton/Hr



TREA
Design
Avera

Flow
Splitter

Cogener
system - 7
(2 Wauk
Engine

Bay
chargers
Authority
Station

San
Francisco
Bay

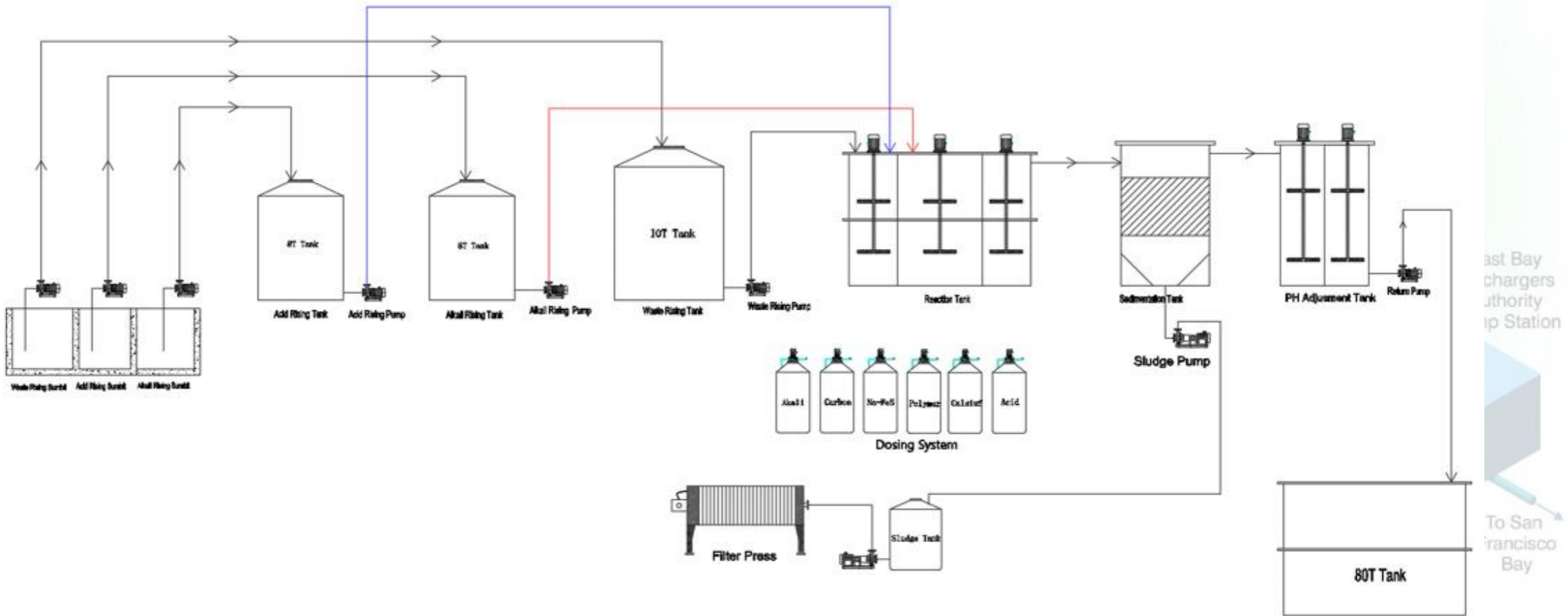
Solar Array -
468 kW

Use



Water Treatment System (Waste Water Treatment System)

TREAT
Design
Average



East Bay
chargers
authority
up Station

To San
francisco
Bay

Water Treatment System (Waste Water Treatment System)

WWTP Capacity 18Ton/Hr



Delivery Truck

Filter Presses (2)

Solar Array - 468 kW

To Plant Use

Irrigation

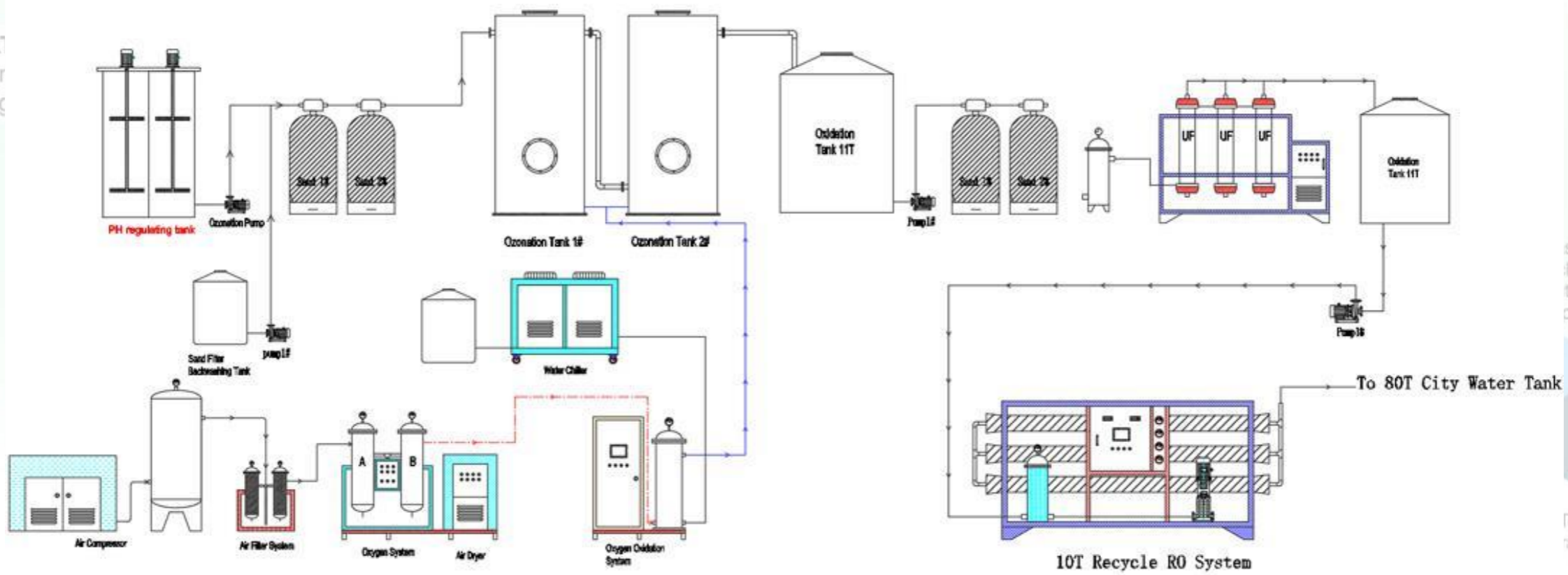
Bay Chargers Priority Station

San Francisco Bay

Water Treatment System (Water Recycle System)



TREAT
Design
Average



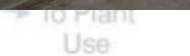
st Bay
chargers
thority
o Station

To San
ancisco
Bay

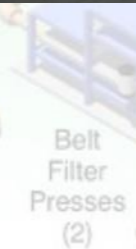


Water Treatment System (Water Recycle System)

Recycle System Plant Capacity 10Ton/Hr



Water Treatment System (Water Recycle System)



Solar Array - 468 kW

10 Plant Use



Water Treatment System (Water Recycle System)



Solar Array - 468 kW

TO Plant Use

Water Treatment System (Water Recycle System)



Solar Array - 468 kW
To Plant Use

Irrigation

Water Analyze System in China (by Huang Zhi Xiang)



**RO Pure Water Cap. 10Ton/Hr
(Quanzhou-Fujian)**

**RO + EDI Ultra Pure Water System Cap. 8Ton/Hr
(Xiamen-Fujian)**



**Air Scrubber
Cap. 24.000CFM
(Shenzen-Guangdong)**



**Nickel-Containing Treatment Cap. 40Ton/Hr
(Shantou-Guangdong)**

**Domestic Sewage Water Treatment Cap. 25Ton/Hr
(Shantou-Guangdong)**



**Cogeneration System - 720 kW
(2 Waukesha Engines)**

Solar Array - 468 kW



SET UP CONCRETE FLOORING, STEEL STRUCTURE, FRP FLOORING AND PP TANK 80-TON



SET UP CONCRETE FLOORING, STEEL STRUCTURE, FRP FLOORING AND PP TANK 80-TON



Truck

Presses (2)

PT. Osfrosindo Engineering Batam

Solar Array - 468 kW

→ To Plant Use

Irrigation



SET UP CONCRETE FLOORING, STEEL STRUCTURE, FRP FLOORING AND PP WASTE WATER TANK



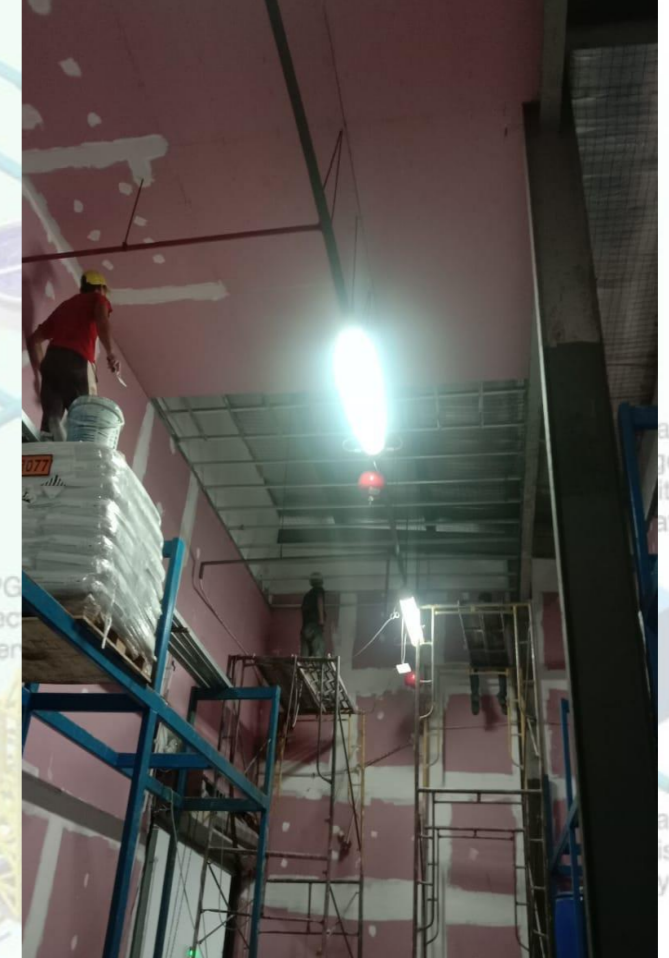
(2)

PT. Osfrosindo Engineering Batam

Solar Array - 468 kW

Use

SET UP FIREPROOF PARTITION ROOM FOR CHEMICAL STORE



SET UP FIREPROOF PARTITION ROOM FOR CHEMICAL STORE



BOWL FEEDER AUTO JIGGING MACHINE



Customer Machine Cycle Time : 120 pcs / min / track
Efficiency : 99.9%
MTBA (Jam Per Hour) : 2 Times Per Hour
Wrong Direction Percentage : 0.1%
Bowl Direction : Anti-Clockwise

Speed Controller : Frequency Type - Model No: SDVC 40-S
Linear Feeder Type : Linear Vibrator - Model: FEED LFC-2
Coating Process : PU Coating
Linear Feeder Type : Linear Vibrator - Model: FEED LFC-2
Speed Controller : Frequency Type - Model: SDVC-31-S



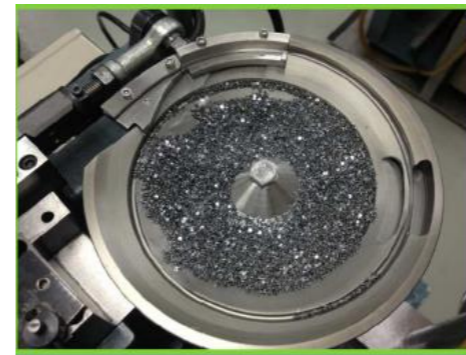
VIBRATORY SYSTEM PRODUCT (DESIGN BY OUR PARTNER PT. BATAM WAHANA BATAM)



Feed rate = 200 pieces/min
Part Name : Roller Clamp
Orientation position : 1
Drive unit : RNA 630-1



Feed rate = 20 pieces/min/track
Part Name : Stop Pin
No of tracks : 6
Drive unit : Customized

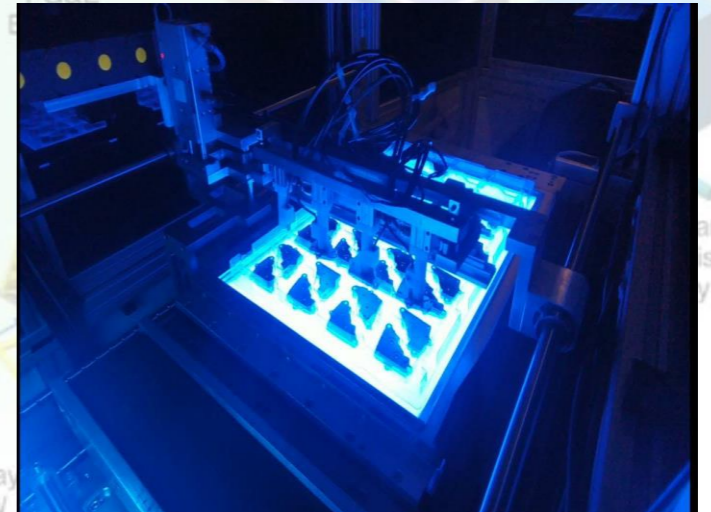
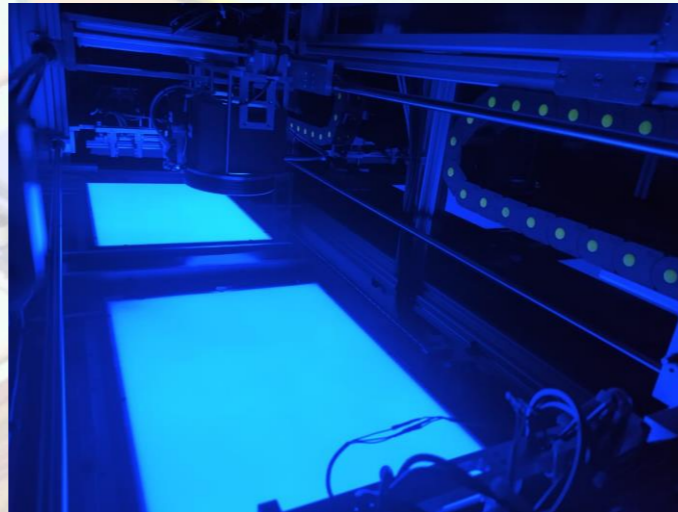
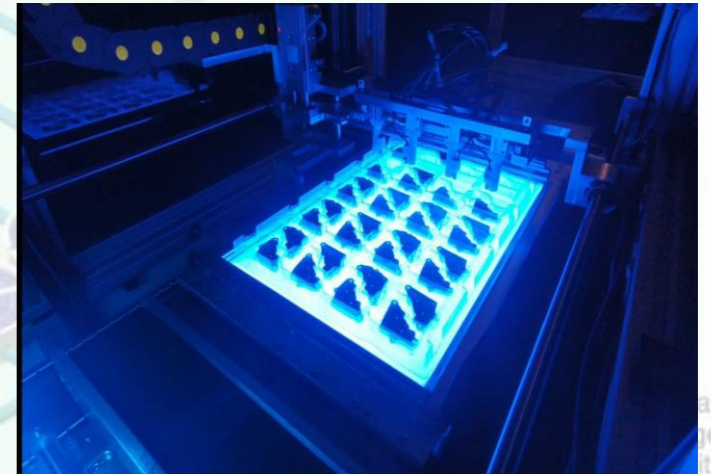
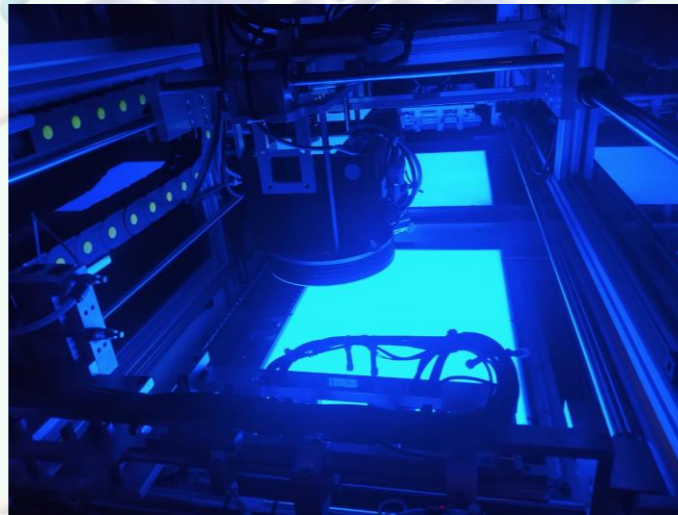


Feed rate = 200 pieces/min
Part Name : Watch components
Orientation position : 1
Drive unit : Customized



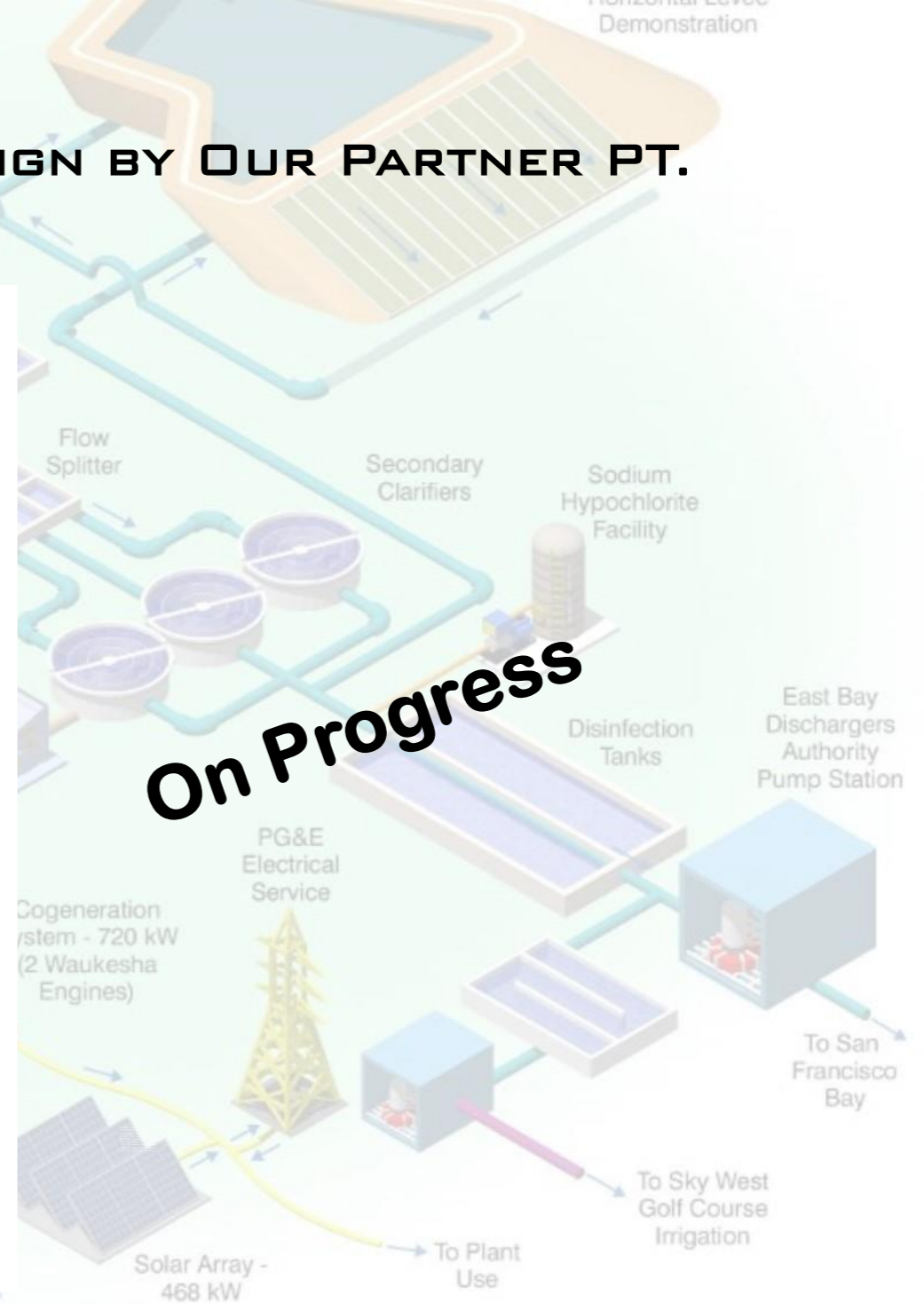
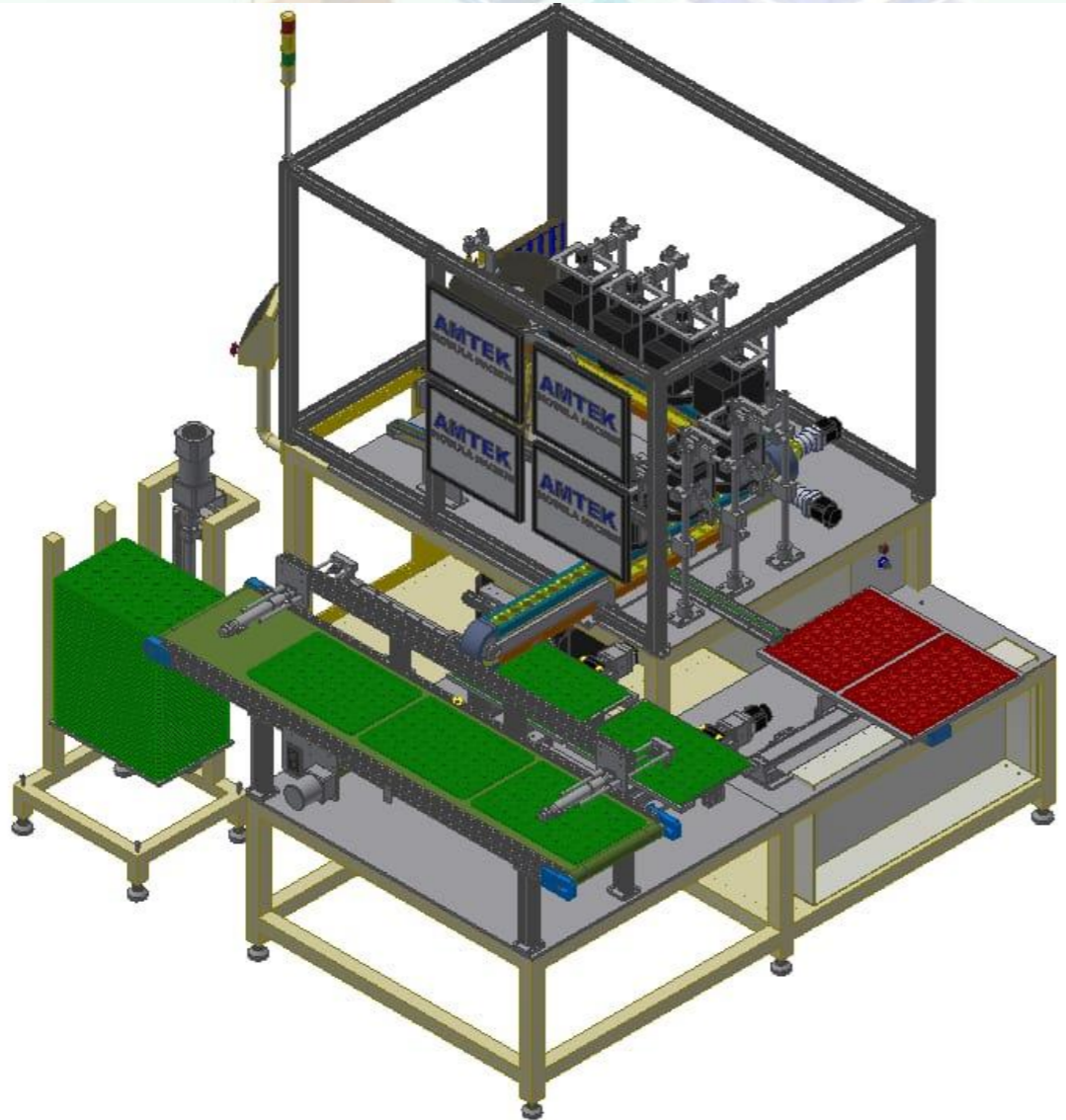
Cell Feeder running at 30 pcs/min.
Bowl Diameter 800 mm

MODIFICATION VCM CHECKING MACHINE (DESIGN BY OUR PARTNER PT. BATAM WAHANA BATAM)

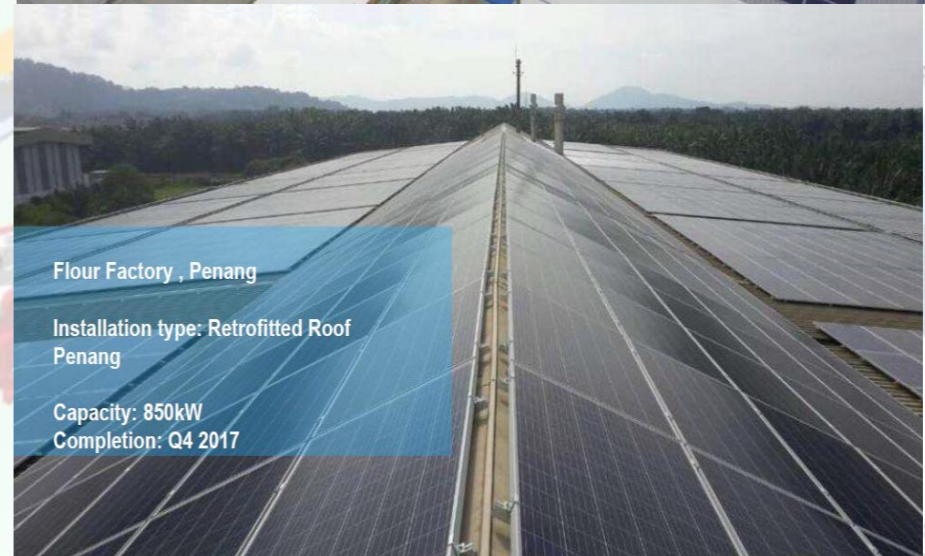


SET UP MOBULA CHECKING MACHINE (DESIGN BY OUR PARTNER PT. BATAM WAHANA BATAM)

TREATMENT PLANT
Design
Average Dry Weather



ELEAPS SUPERIOR PORTFOLIO



TREATME
 Design
 Average D



SOLAR ENERGY FOR A BETTER TOMORROW



TREATME
 Design
 Average D

Aeration
 Basins

Gr
 B
 Thick

esters
 Million
 ons (6)

East Bay
 Dischargers
 Authority
 Pump Station

To San
 Francisco
 Bay

Delivery
 Truck

Filter
 Presses
 (2)

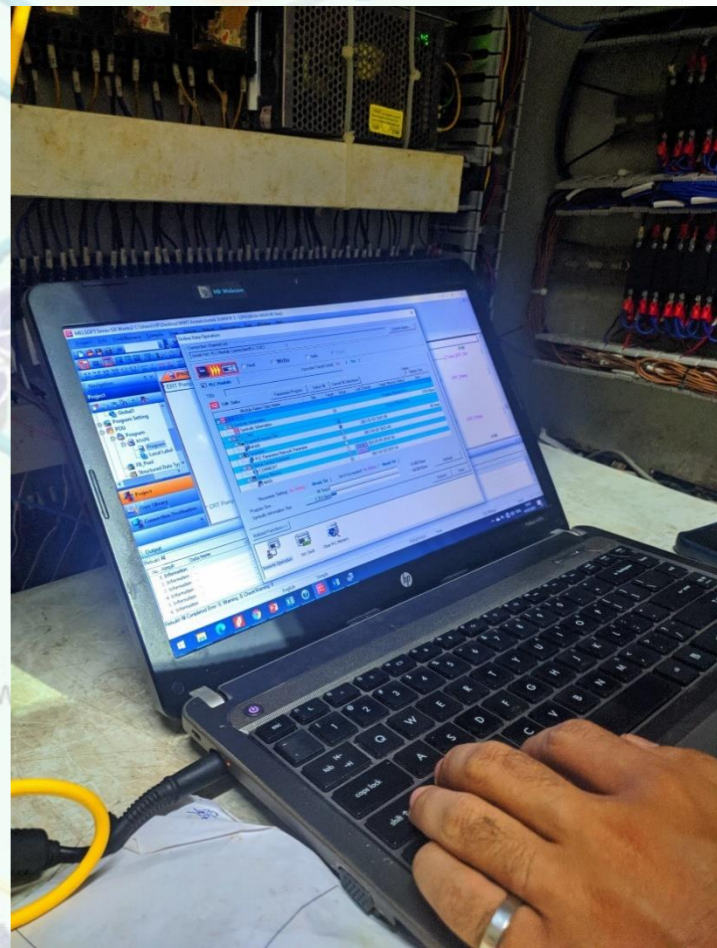
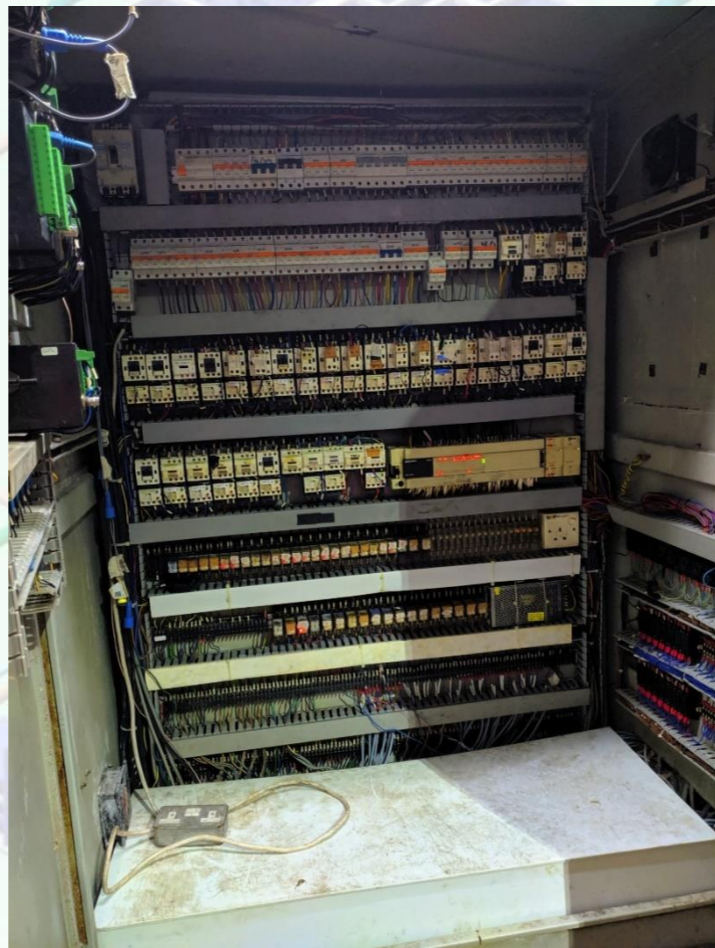
Solar Array -
 468 kW

To Plant
 Use

Golf Course
 Irrigation



ELECTRICAL PANEL TROUBLESHOOTING



Grease
Delivery
Truck

Belt
Filter
Presses
(2)

Solar Array -
468 kW

To Plant
Use

To Sky West
Golf Course
Irrigation

To San
Francisco
Bay

East Bay
Chargers
Authority
Station

ation
20 kW
asha
(s)

TR
De
Av

Tracked for Disposal

Influent
Pumps

Primary
Clarifiers

Chamber

Horizontal Level
Demonstration

Solar Array -
468 kW

To Plant
Use

To Sky West
Golf Course
Irrigation

To San
Francisco
Bay

East Bay
Chargers
Authority
Station

ation
20 kW
asha
(s)

TR
De
Av

Tracked for Disposal

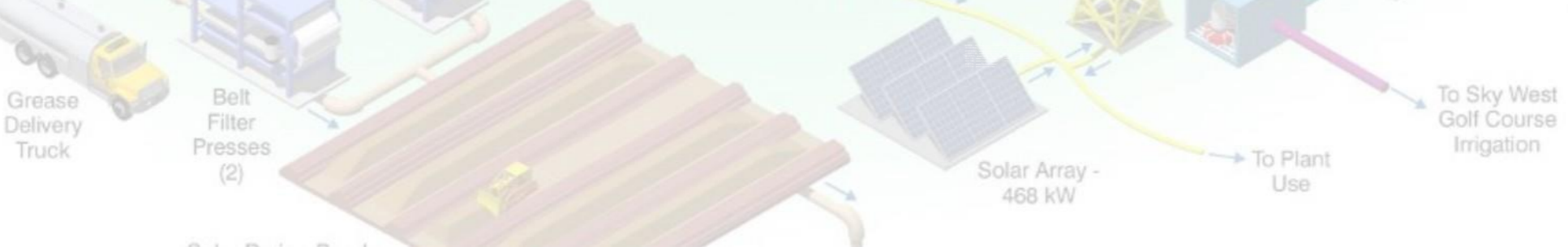
Influent
Pumps

Primary
Clarifiers

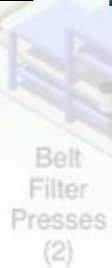
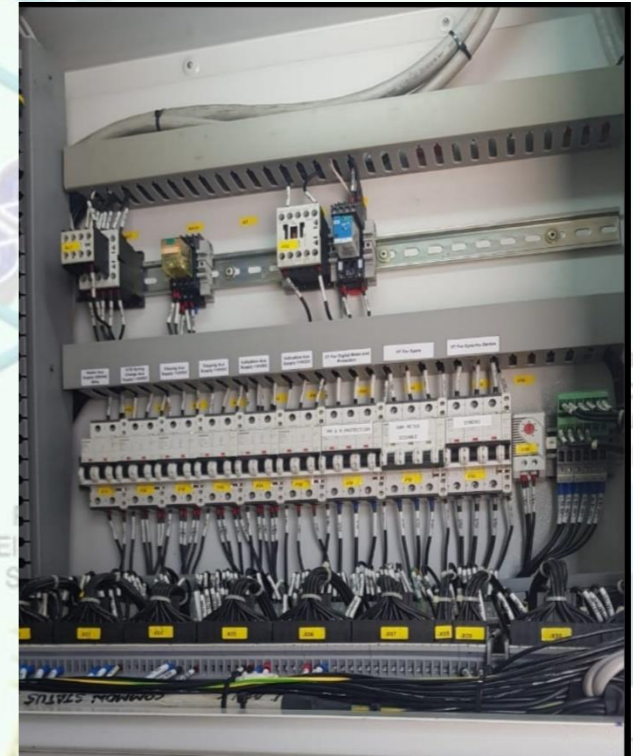
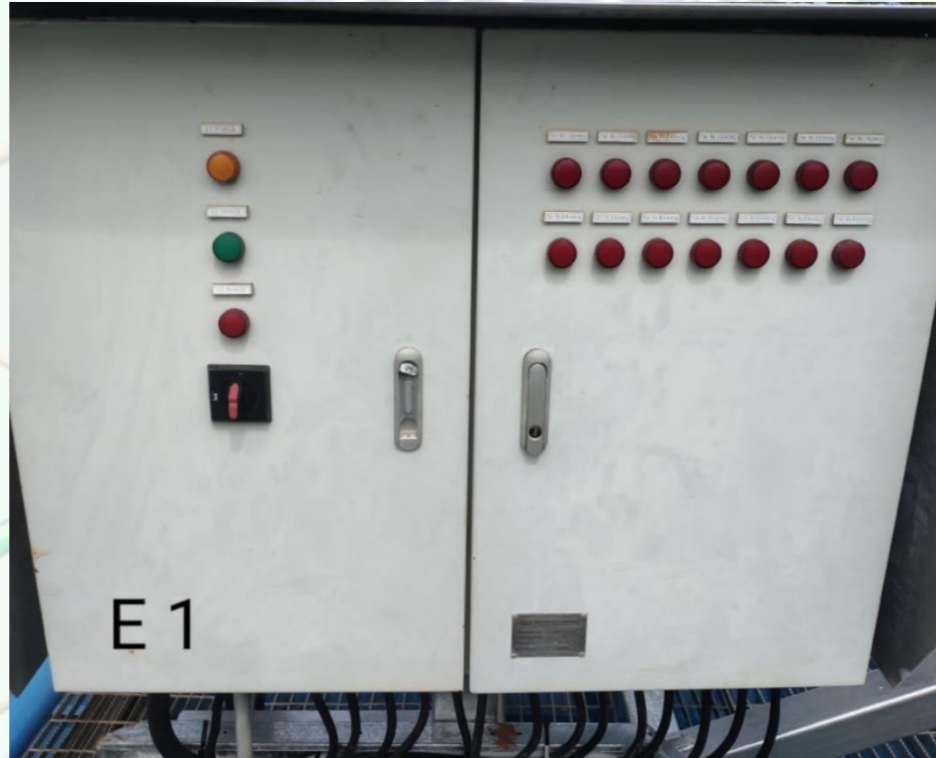
Chamber

Horizontal Level
Demonstration

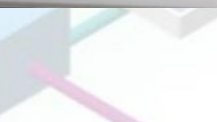
ELECTRICAL PANEL REPAIR AND NEW ELECTRICAL PANEL INSTALATION



ELECTRICAL PANEL AND WATER PUMP INSTALATION



Solar Array -
468 kW



To Plant
Use

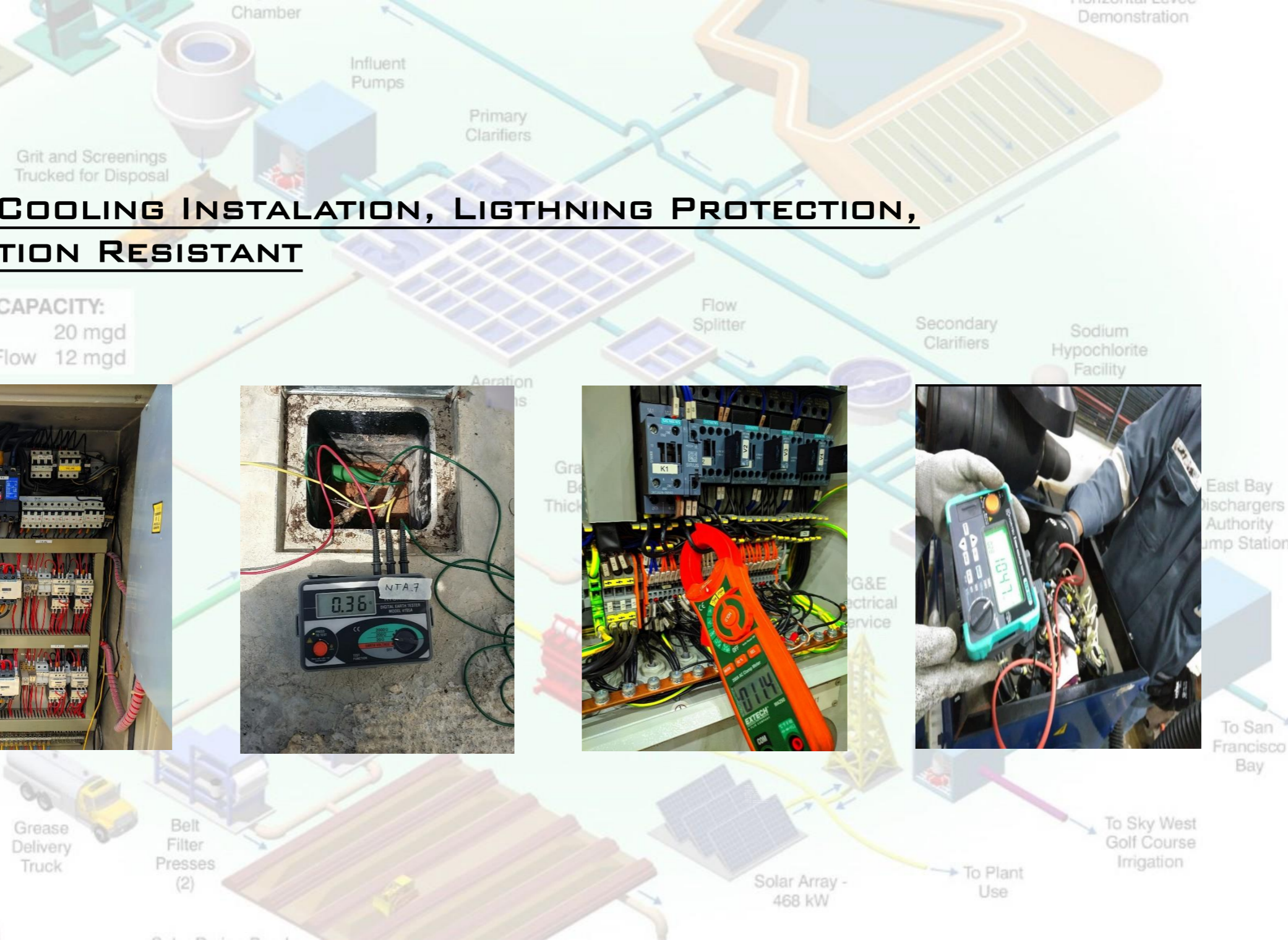
To Sky West
Golf Course
Irrigation

To San
Francisco
Bay

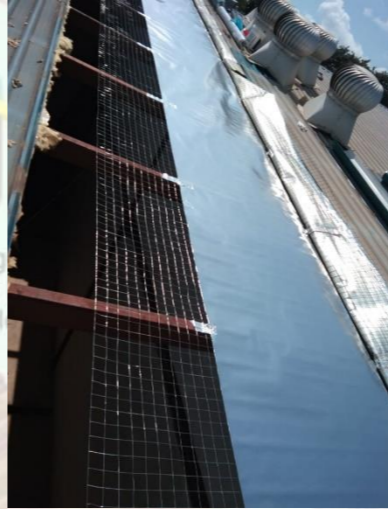
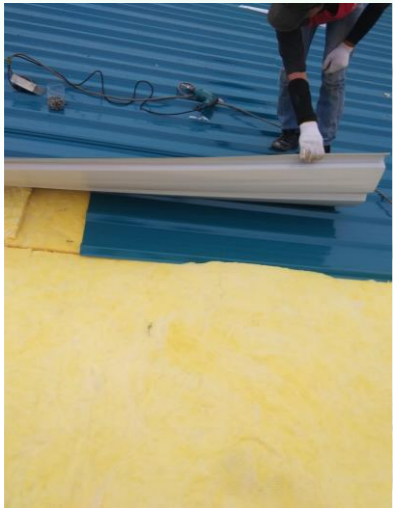
East Bay
chargers
Authority
Station

WATER COOLING INSTALATION, LIGHTHING PROTECTION, INSULATION RESISTANT

TREATMENT PLANT CAPACITY:
Design 20 mgd
Average Dry Weather Flow 12 mgd



REPLACE SPANDEX ROOF & GLASS WOOL



Delivery
Truck

Filter
Presses
(2)

Solar Array -
468 kW

To Plant
Use

Golf Course
Irrigation



SET UP NEW COOLING TOWER WITH CONCRETE AND STEEL STRUCTURE



Circulation Water Flow Rate : 140 m³/hr
Cooling Capacity : 682.500 kcal/hr
Noise : 62 dB(A)
Fan Flow Rate : 69.000 m³/hr
Speed of Fan : 560RPM
Running Weight : 2.605kg



Circulation Water Flow Rate : 125 m³/hr
Cooling Capacity : 625.000 kcal/hr
Noise : 59.5 dB(A)
Fan Flow Rate : 75.000 m³/hr
Speed of Fan : 360RPM
Running Weight : 2.620kg



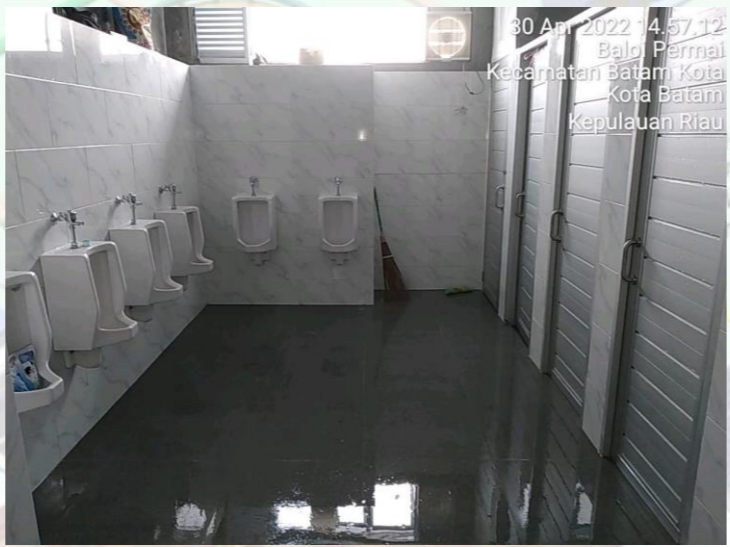
RENOVATION TOILET



30 Apr 2022 14.57.19
Baloi Permai
Kecamatan Batam Kota
Kota Batam
Kepulauan Riau



30 Apr 2022 14.59.23
Baloi Permai
Kecamatan Batam Kota
Kota Batam
Kepulauan Riau



30 Apr 2022 14.57.12
Baloi Permai
Kecamatan Batam Kota
Kota Batam
Kepulauan Riau



30 Apr 2022 15.02.42
Baloi Permai
Kecamatan Batam Kota
Kota Batam
Kepulauan Riau

REDMI NOTE 9
ZHOELL_037

