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# COMPANY PROFILE 2020



## WHAT WE OFFER

Earning a reputation through uncompromising services, ETST today is getting a big demand on the market with numerous ongoing and completed projects which varies from small up to larger scale industries in the middle east.

Our engineers and technicians have developed and installed bulk material handling solutions throughout the region for over 18 years. We are available to provide specialist guidance and assistance on all your bulk material handling questions and challenges.

We have advanced capabilities in structural, electrical, mechanical and automation engineering services. Spanning design, construction, maintenance, plant installation and relocation, implementing the highest technology for a lean and optimized production facilities and plant processes.

## OUR EXPERTISE

ETST Engineering provides a complete turnkey package of lean manufacturing solutions including line design, specification, procurement, and construction. We have a wide range of technological solutions for all types of bulk material handling.

ETST is an expert in modernization of factories. We will help you upgrade your plants and factories to industry 4.0 for an automated and man-less transformation of traditional manufacturing and industrial practices, combined with the latest smart technology.



## OUR MARKET

Our overall knowledge can handle any task in all kind of different industries such as chemical, food, oil & gas, construction materials, steel structures and many others.



CHEMICAL



FOOD



PLASTIC



OIL & GAS



CONSTRUCTION  
MATERIALS

## OUR PROCESS



### SCOPE

Our team of engineering specialists will fully map your project. Detailed one to ones with your team, on site visits, together with a full project evaluation. We complete a robust electromechanical analysis and automation feasibility. With the issues and needs clearly identified we can then provide a timeline, operational requirements, and a budget forecast



### PLAN

From the project concept we devise a detailed design that incorporates our client's needs and optimum outcomes. We combine "standard" and "bespoke" solutions for an environmentally safe and regulatory compliant project. We incorporate clear and comprehensive milestone for precise end to end project management.



### DESIGN

ETST Engineering is a leader in design and drafting for clients in the engineering and industrial sectors. Our comprehensive design and drafting process incorporates end to end instructions including erection procedures, construction methods and materials specifications, together with full health and safety and environmental compliance guidelines.



### COMMISSION

We monitor milestones from project conception through to commissioning, launch and full production. This ensures that the project execution is both efficient and consistent. This allows smooth implementation throughout the project lifecycle. With the best engineers and technicians, we guarantee quality and on-time completion of our projects.



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## VISION & MISSION



"To become a regional leader with diversified business to cover all aspects of engineering industry by providing high quality services with uncompromising solutions and establishing a long-term business to our valued clients"



"ETST's main focus is to maintain customer satisfaction with a strong foundation of trust, and mutual respect through positive relationship with our staffs and clients"

## WHY CHOOSE ETST?

### EXPERIENCED

For the past 18 years, ETST Engineering have provided quality solutions, equipment, and services to our valued customers across the region.

### COST-EFFECTIVE SOLUTIONS

We strive to provide solutions that have superior performance and provide optimized cost benefits based on the lowest life cycle costs.

### TEAM PLAYER

ETST Engineering is focused on achieving our client's goals by making them our own. Our prestigious client list and returning customers demonstrate our commitment to quality, safety, innovation, and customer satisfaction.

## OUR AFFILIATED COMPANIES



EMIRATES CALCIUM  
CARBONATE FACTORY LLC



الإمارات الصناعية للفلاتر  
EMIRATES INDUSTRIAL FILTERS

EMIRATES INDUSTRIAL  
FILTERS LLC



غاف بوليمرز  
GHAF POLYMERS

GHAF POLYMERS PLASTIC  
INDUSTRIES LLC



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## OUR CLIENTS



I.J. TOBACCO INDUSTRY.



اس تي جي للمنتجات الخرسانية ذ م م  
STG CONCRETE PRODUCTS LLC





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## OUR SUPPLIERS



SIEMENS



NETZSCH

FANUC



Endress+Hauser 



VEGA



Schneider  
Electric

DMN  
WESTINGHOUSE

KOSTAL  
PROJEKT



ABB

ZEPPELIN  
WE CREATE SOLUTIONS



OLY

INTECH  
S.r.l.





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# NOTABLE PROJECTS

\*LIST OF REFERENCE FOR OTHER PROJECTS FROM 2014 TO 2020 IS UPON REQUEST BY THE CLIENTS

## CARPET FINISHING PRODUCTION LINE

CLIENT :  
STANDARD CARPETS INDUSTRIES LLC



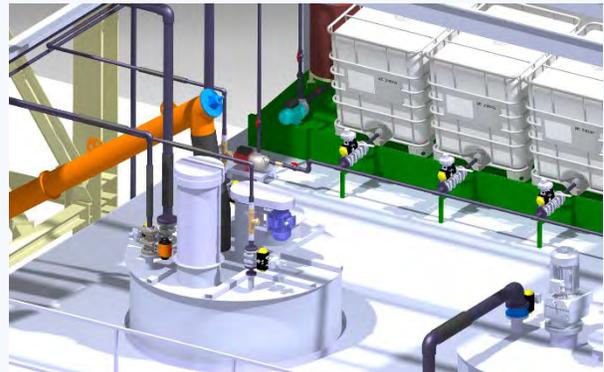
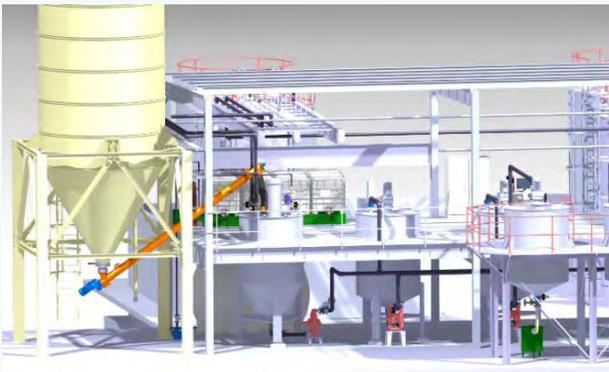
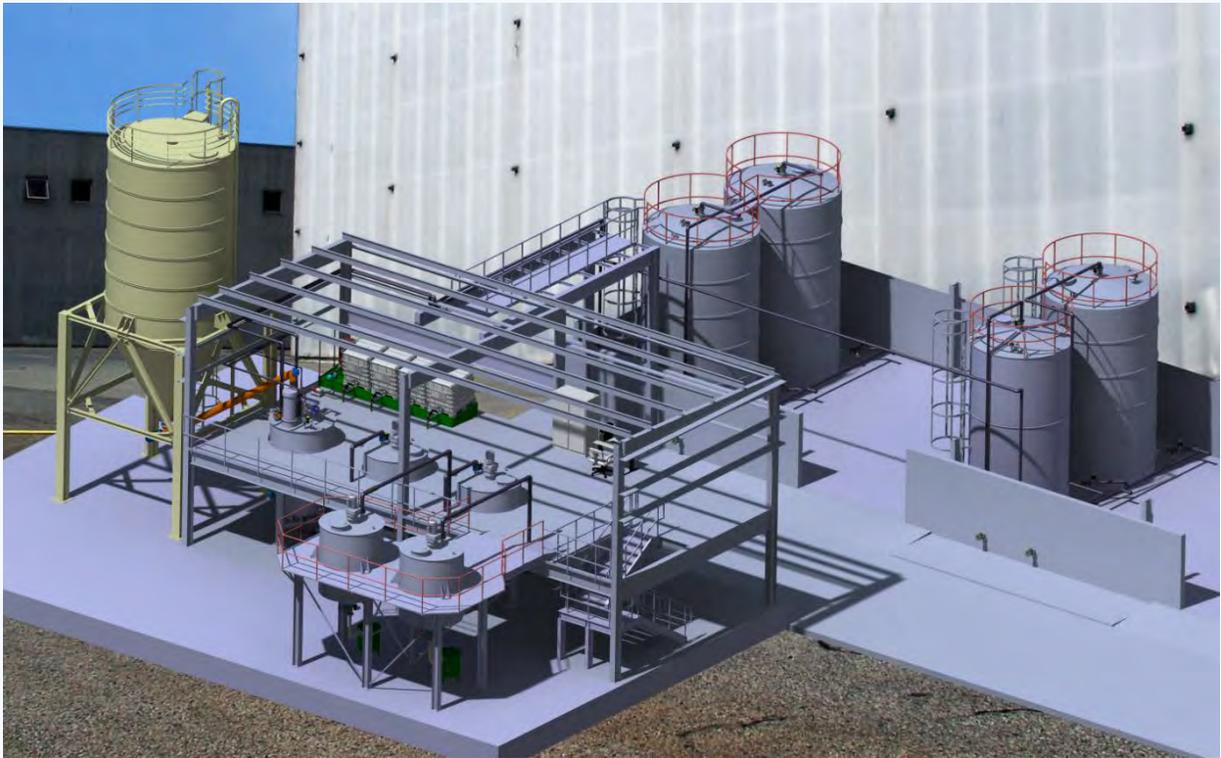
Standard  
CARPETS

PROJECT : Carpet Finishing - Automated Liquid and Powder  
Storage Facility and Mixing Plant (Phase 01)

SCOPE : ETST is responsible for the engineering,  
procurement and construction of Latex and  
CaCo3 storage and fully automated mixing  
process for carpet finishing line capacity 7,000L  
per hour

DATE : February 2014

LOCATION : Dubai, United Arab Emirates



120T CAC03 SILO



LATEX STORAGE TANKS



AUTOMATIC MIXING SYSTEM



MIXING LINE



ADDITIVES DOSING LINE



## CACO3 FULLY AUTOMATED STORAGE & DOSING SYSTEM

CLIENT :  
BERGER PAINTS EMIRATES LTD

**BERGER**  
P A I N T S

PROJECT : Automated Storage & Dosing System for Powder  
Phase 01 and 02

SCOPE : ETST is responsible for the design, supply and  
installation of Powder Storage and Automatic  
Controlled Dosing System

DATE : October 2014

LOCATION : Dubai, United Arab Emirates



## FULLY AUTOMATED STORAGE & BULKER TRUCK LOADING SYSTEM FOR FLOUR AND 50,000MT STORAGE FACILITY FOR WHEAT

CLIENT :  
AL AIN FLOUR MILLS LLC



PROJECT : Fully Automated Storage & Bulker Loading System for Flour and 50,000MT Storage Facility for Wheat

SCOPE : ETST is responsible for the design, supply, installation and commissioning of Fully Automated Storage & Bulker Truck Loading System for flour and engineering, procurement, and construction of 50,000MT Storage Facility for Wheat

DATE : December 2014 & February 2018

LOCATION : Ajman, United Arab Emirates



## FULLY AUTOMATED DRY MIXING PLANT

CLIENT :  
ENVIROCON CONSTRUCTION  
PRODUCTS FACTORY



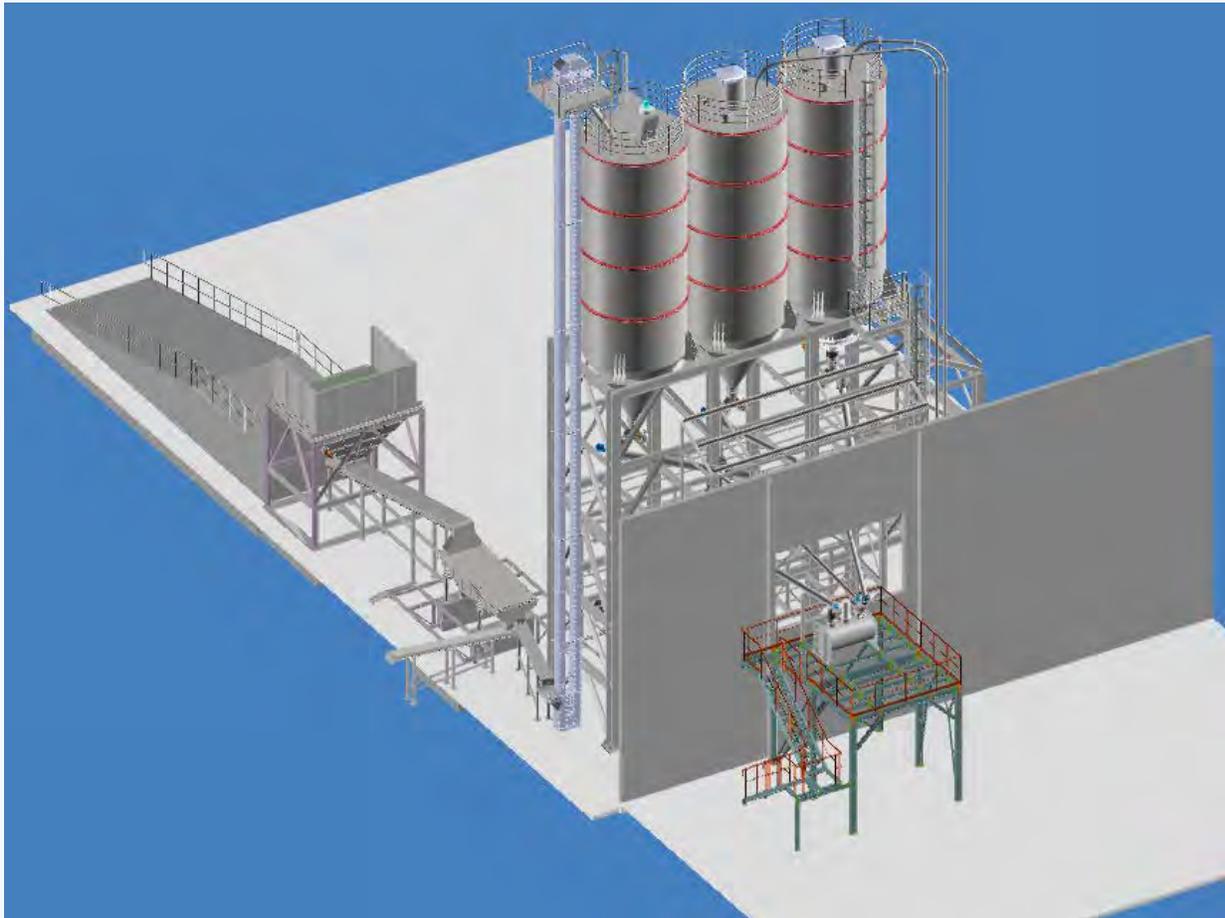
PROJECT : Powder Mixing Plant

SCOPE : ETST is responsible for the engineering, procurement and construction of Product Storage and Automatic Controlled System which is divided as follows:

1. Reception and of raw materials (Cement, Calcium Carbonate and Sand)
2. Reception and Storage of Additives
3. Dosing Material and Weighing in Hopper
4. Mixing (Existing and New Mixer)
5. Packing in valve bags in packing machine
6. Automation System of the process

DATE : April 2015

LOCATION : Abu Dhabi, United Arab Emirates



HOPPER



SMALL OPERATION PLATFORM



DOSING SKIP



WAM 2000L MIXER



## DRY MIX COAL MIXING PLANT

CLIENT :  
IDEALISM INDUSTRIES FZE

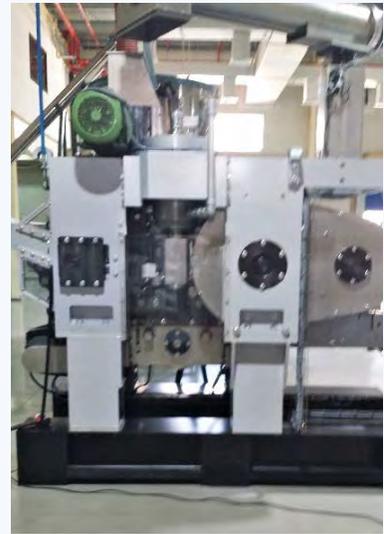


PROJECT : Dry Mix Coal and Starch Mixing and Material Handling Plant

SCOPE : ETST is responsible for the engineering, procurement and construction of Mixing and Material Handling Plant

DATE : June 2015

LOCATION : Ras Al Khaimah, United Arab Emirates



## DRY MIX PLANT

CLIENT :  
BASF CONSTRUCTION CHEMICALS LLC



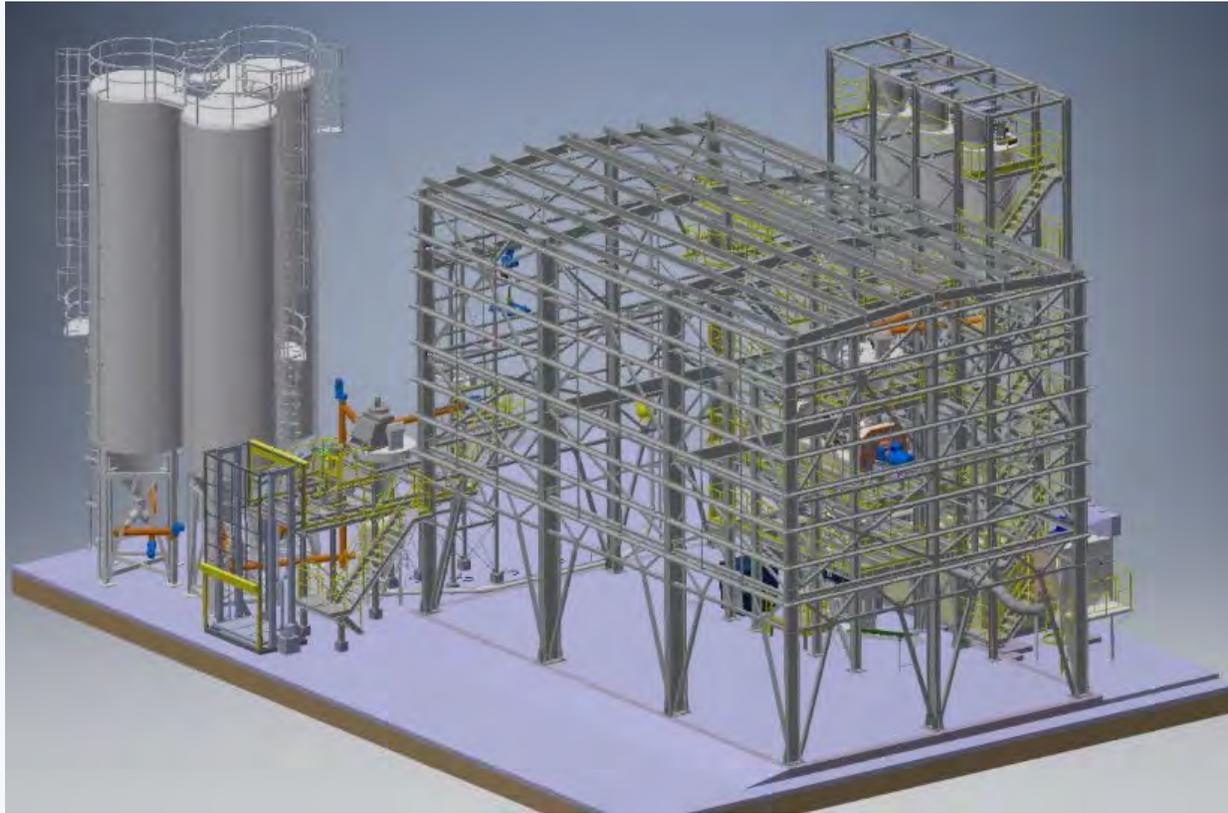
PROJECT : Construction Chemicals Dry Mix Plant 20MT/h

SCOPE : ETST is responsible for the engineering, procurement and construction of Fully Automated Construction Chemicals Dry Mix Plant 20MT/h. The plant consists of:

1. Reception and of raw materials (Cement, Calcium Carbonate, Sand and Limestone)
2. Reception and Storage of Additives
3. Raw Material Weighing and Dosing
4. Mixing (Existing and New Mixer)
5. Packing in valve bags
6. Palletizing

DATE : July 2015

LOCATION : Dubai, United Arab Emirates





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## CALCIUM CARBONATE PROCESSING PLANT

CLIENT :  
EMIRATES CALCIUM CARBONATE  
FACTORY LTD.



PROJECT : Calcium Carbonate Processing Plant

SCOPE : ETST is responsible for the complete plant design, installation and commissioning which includes the following:

1. Existing Calcium Carbonate Processing Plant relocation from Ajman to Kizad in Abu Dhabi
2. Limestone Crushing Plant
3. Calcium Carbonate Processing Plant
4. Coated Calcium Carbonate Processing Plant
5. Finished good storage facility & bulker truck loading system
6. Jumbo Bag and small bag filling stations including Automated Palletizer and Wrapping System

DATE : 2015

LOCATION : Abu Dhabi, United Arab Emirates





CRUSHING PLANT



AUTOMATED PALLETIZER



## MULTIPURPOSE HALL

CLIENT :  
AL AHD GENERAL CONTRACTING &  
MAINTENANCE LLC



PROJECT : Sudanese Embassy Multipurpose Hall Steel structure

SCOPE : ETST prepared the calculation and steel structural design of the multifunctional hall, supplied and erected Steel MPH Structure 14x18.7m Span Composite floor and roof structure

DATE : April 2016

LOCATION : Abu Dhabi, United Arab Emirates



## MASTERBATCH FILLER PRODUCTION PLANT

CLIENT :  
GHAF POLYMERS PLASTIC  
INDUSTRIES LLC



PROJECT : Masterbatch Filler Production Plant

SCOPE : ETST is responsible for the engineering, procurement and construction of Masterbatch Filler Production Plant for manufacturing Highly Filled Calcium Carbonate Compound (Filler Masterbatch)

DATE : July 2016

LOCATION : Ajman, United Arab Emirates



## STORAGE AND DOSING SYSTEM

CLIENT :  
RAK ADHESIVE MATERIALS  
FACTORY



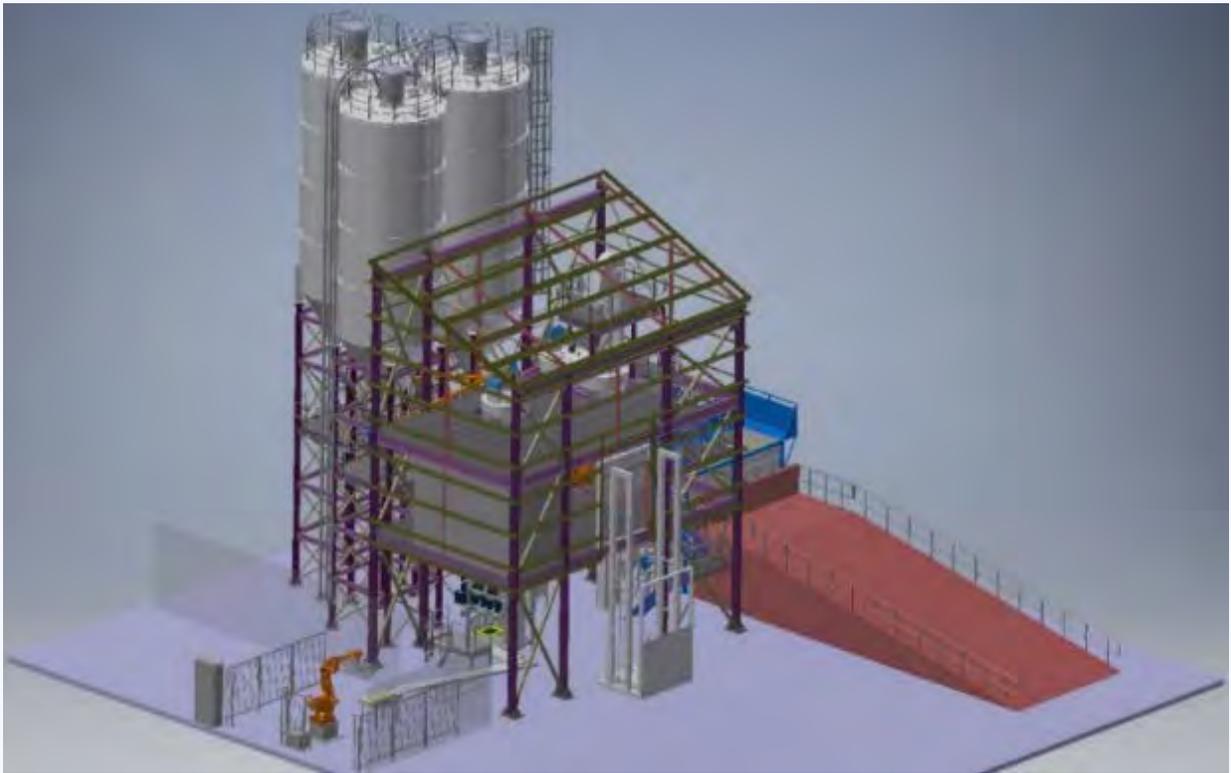
PROJECT : Powder Mixing Plant storage and Automatic Controlled Dosing System

SCOPE : ETST is responsible for the design, engineering, installation and commissioning of the automatic controlled powder storage (Cement, Sand & Additives) and controlled dosing system which is divided into the following main sections:

1. Reception, conveying and storage of cement and calcium carbonate
2. Reception and conveying of sand
3. Reception and adding additives
4. Dosing ingredients and mixing in mixer
5. Packing final product in small bags

DATE : October 2016

LOCATION : Ras Al Khaimah, United Arab Emirates





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## STEEL STRUCTURES

CLIENT :  
FREYSSINET GULF LLC



PROJECT : Viceroy Hotel JVC, Abu Dhabi Midfield Terminal Complex, Prefab Molds

SCOPE : 1. Viceroy Hotel JVC – Lifting-Offloading System  
ETST is responsible for the fabrication of steel bracket and application of protection paint. 275T of steel  
2. Abu Dhabi Midfield Terminal Complex – Bridge Offloading  
ETST is responsible for supply of steel towers used for bridge offloading. 350T of steel  
3. Various Prefab Molds Fabrication

DATE : November 2016 – December 2017

LOCATION : Dubai and Abu Dhabi, United Arab Emirates

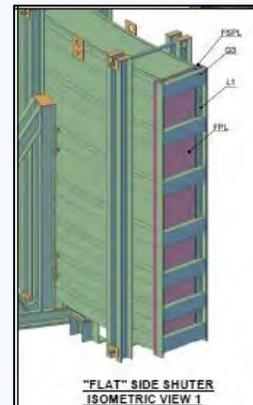
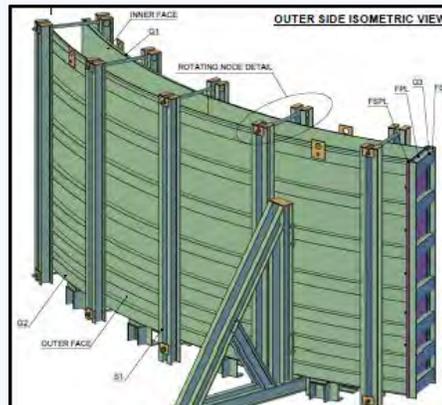
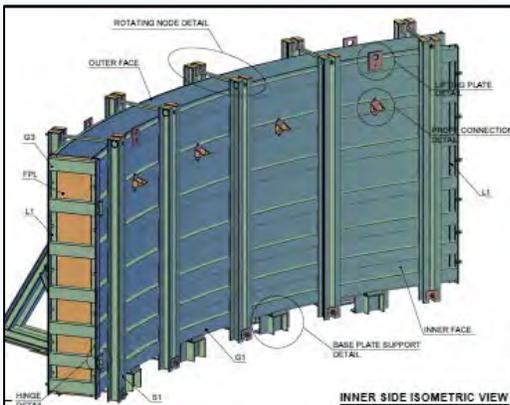
### VICEROY HOTEL



## ABU DHABI AIRPORT



## PREFAB MOLDS



## PVC COMPOUND PRODUCTION LINE

CLIENT :  
STANDARD CARPETS INDUSTRIES LLC

PROJECT : PVC Compound Production Line

SCOPE : ETST is responsible for the engineering, procurement and construction of facility which is intended to produce a compound used in the technological process of the production of carpets. This system is divided on the following parts:

1. Reception, storage and dosing of CAC03
2. Reception, storage and dosing of PVC powders
3. Reception and dosing of DOP (DIOCTYL PHTHALATE)
4. Reception and dosing of additives (powder and liquid)
5. Mixing compound in mixer
6. Transport PVC compound to tanks and tile line

DATE : December 2016 - 2017

LOCATION : Dubai, United Arab Emirates



### CAC03 SILO AND DOP STORAGE TANKS



## AUTOMATIC CONTROLLED DOSING SYSTEM



## STAINLESS STEEL RESIN CHIPS SILO- 13M3



## RECYCLING HOPPER

CLIENT :  
RAVAGO CHEMICALS MEAF FZE



PROJECT : PET bottles cleaning hopper

SCOPE : ETST designed, fabricated and supplied a mild steel hopper with 3 paddle shaft and twin screw for RAVAGO

DATE : May 2016

LOCATION : Dubai, United Arab Emirates



## MODERN SHEEP FARM CASE STUDY

CLIENT :  
AL AHD GENERAL CONTRACTING &  
MAINTENANCE LLC



PROJECT : Modern Sheep Farm Case Study

SCOPE : ETST has prepared a case study for a modern sheep farm which includes Sheep Farm Main Building, Babies Shed, Milking Parlor, Slaughter House, Hay & Feed Store, Majlis, Cheese Factory and Plant

DATE : August 2016

LOCATION : Abu Dhabi, United Arab Emirates

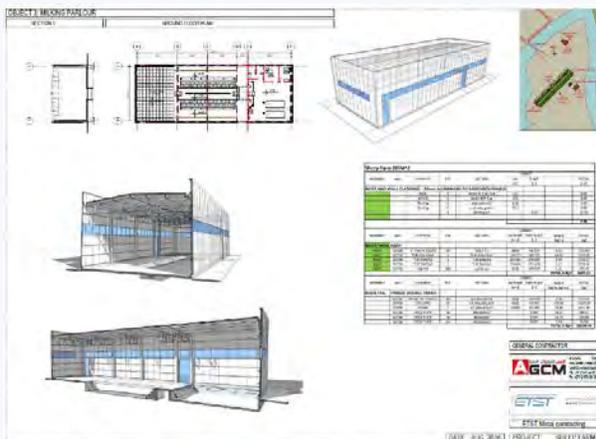
### SHEEP FARM



### BABIES SHED



### MILKING PARLOR



### SLAUGHTER HOUSE



## YARN PLANT AND POLYMERS STORAGE FACILITY

CLIENT :  
STANDARD CARPETS INDUSTRIES LLC



PROJECT : Yarn Plant and Polymers Storage Facility

SCOPE : ETST is responsible for the supply, installation and commissioning of Yarn Plant and Polymers Storage Facility for Standard Carpets.

DATE : 2017

LOCATION : Dubai, United Arab Emirates



## JUMBO BAG UNLOADING SYSTEM

CLIENT :  
MAX FRANK MIDDLE EAST FZE



PROJECT : Jumbo Bag Unloading System & Pneumatic Conveying Storage

SCOPE : ETST is responsible for the design, engineering, installation and commissioning of the jumbo bag offloading system and dilute phase pneumatic conveying

DATE : December 2017

LOCATION : Sharjah, United Arab Emirates



## PACKING AND AUTOMATED LOADING FACILITY

CLIENT :  
CEMEX FALCON LLC

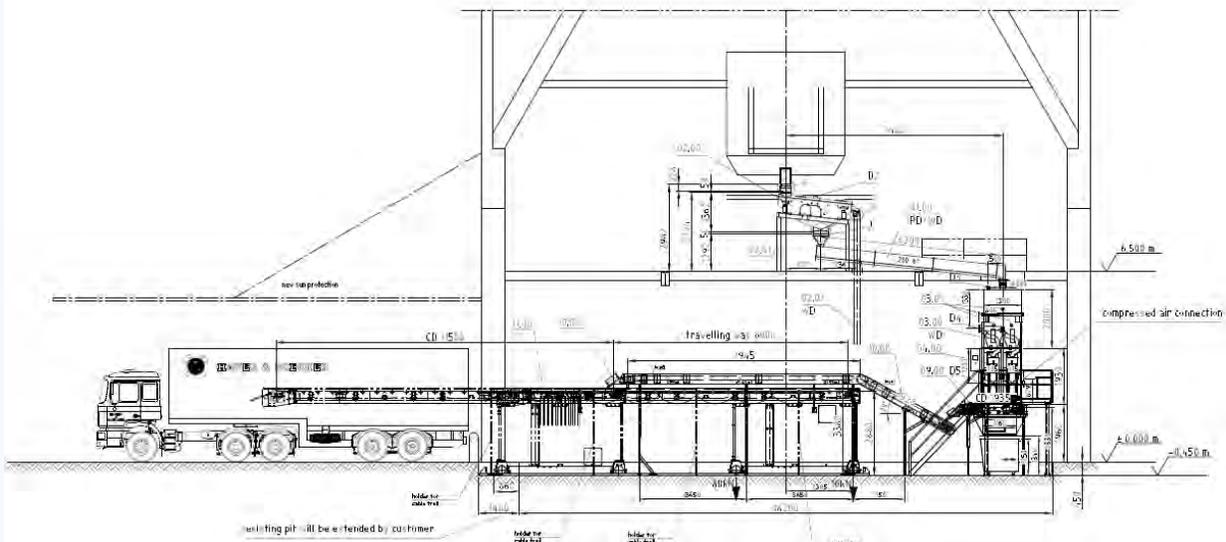


PROJECT : 20KG Cement Bags Packing and Automated Truck Loading Facility

SCOPE : ETST is responsible for installation and commissioning of 20kg Cement Bags Packing and Automated Truck Loading Facility

DATE : July 2018

LOCATION : Dubai, United Arab Emirates



## BLOCK FACTORY

CLIENT :  
STG CONCRETE PRODUCTS LLC

اس تي جي للمنتجات الخرسانية ذ م م  
STG CONCRETE PRODUCTS LLC

PROJECT : STG Block Factory

SCOPE : ETST is responsible for the Fabrication and Supply of Steel Structures, Silos, Bins and Equipment with total steel weight of 122.5T for STG Block Factory to produce all type of masonry blocks

DATE : July 2018

LOCATION : Umm Al Quwain, United Arab Emirates



## LIMESTONE CRUSHING PLANT

CLIENT :  
AL GHURAIR CONTRUCTION  
READYMIX



PROJECT : Limestone Crushing Plant 50T/h Capacity

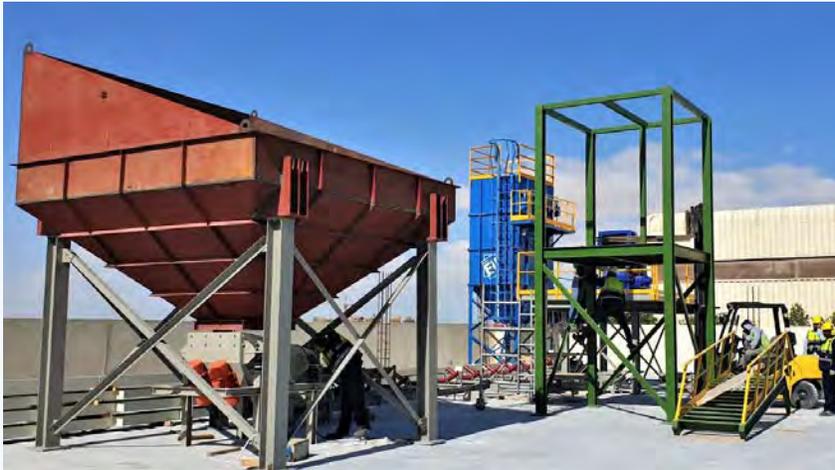
SCOPE : ETST is responsible for the design, supply, installation and commissioning of Limestone Crushing Plant 50t/h Capacity

System include:

1. Receiving hopper
2. Vibrating Feeder
3. Belt Conveyors
4. VSI Crusher 50t/h
5. 4-decks vibrating screen
6. Finished good storage facility
7. Dedusting System

DATE : July 2019

LOCATION : Dubai, United Arab Emirates



## AUTOMATED VACUUM CONVEYING SYSTEM

CLIENT :  
EMIRATES GLOBAL ALUMINIUM PJSC

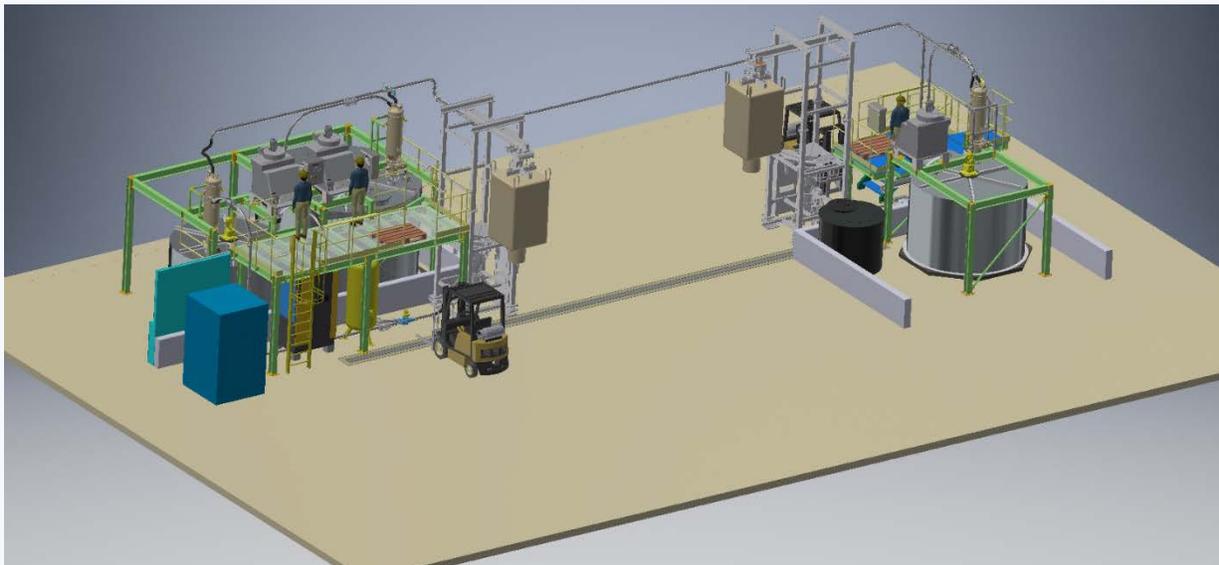
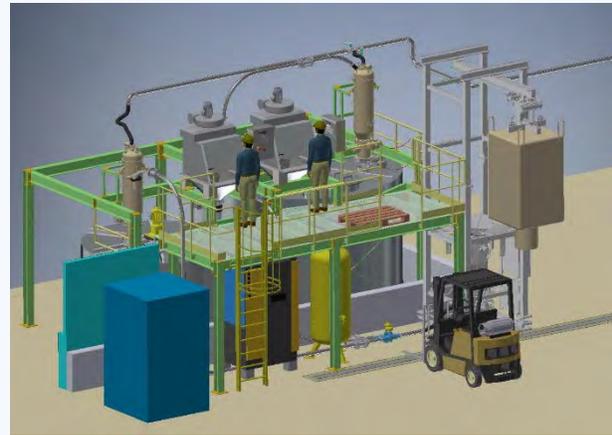


PROJECT : Automated Vacuum Conveying System for  
Chemical Filling at Water Treatment Plant

SCOPE : ETST is responsible for the Civil, Mechanical and  
Electrical works for the design, supply,  
installation, testing and commissioning of Jumbo  
Bag Unloading having a capacity to handle  
chemicals from 500 kg up to 1000 kg along with  
pneumatic conveying system for 3 Tanks  
handling chemicals such as Sodium Meta  
Bisulfite, Calcium Chloride and Sodium  
Bicarbonate.

DATE : November 2019

LOCATION : Abu Dhabi, United Arab Emirates





## DRY MORTAR AND CRUSHER PLANT

CLIENT :  
PRISM INTERNATIONAL LLC



PROJECT : Dry Mortar and Limestone Crusher Plant

SCOPE : ETST is responsible for the design, installation and commissioning and project management of Dry Mortar Plant

DATE : January 2019

LOCATION : Muscat, Oman



## RECEIVING AND STORAGE OF RAW MATERIAL

CLIENT :  
PROMAT FIRE PROTECTION LLC



PROJECT : Receiving and Storage of Raw Materials

SCOPE : ETST is responsible for the procurement, engineering and construction of the Reception and storage for Limestone, Gypsum and Cement silo with capacity of 44 m3 each.

DATE : September 2019

LOCATION : Dubai, United Arab Emirates



## SCREW FOR FLOUR

CLIENT :  
IFFCO-EMIRATES GRAIN PRODUCTS



PROJECT : Screw Chlorine

SCOPE : ETST supplied Tubular Screw Conveyor for Flour  
4.7m

DATE : October 2019

LOCATION : Sharjah, United Arab Emirates



## TAPE PULLER MACHINE

CLIENT :  
HENKEL POLYBIT INDUSTRIES



PROJECT : Tape Puller Machine

SCOPE : ETST is responsible for the supply, installation and commissioning of bitumen sheet tape pulling machine

DATE : September 2019

LOCATION : Umm Al Quwain, United Arab Emirates



## FUME FILTRATION SYSTEM

CLIENT :  
SCOTT BADER MIDDLE EAST



Making a **positive** difference

PROJECT : Fume Filtration System

SCOPE : ETST is responsible for the supply, installation and commissioning of fume filtration system with permanent extraction hood and ducting.

DATE : December 2019

LOCATION : Dubai, United Arab Emirates



## DRUM PRESS MACHINE AND FILLING MACHINE FOR HIGHLY VISCOSE MATERIAL

CLIENT :  
HENKEL POLYBIT INDUSTRIES



PROJECT : Drum Press Machine and Filling Machine for highly viscose material

SCOPE : ETST is responsible for the supply, installation and commissioning of drum press machine, mixing vessel and filling machine for high viscose material

DATE : March 2020

LOCATION : Umm Al Quwain, United Arab Emirates





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<https://goo.gl/maps/JfbMRiah18SZYR1D8>



### OFFICE

KHIA8-40A, Al Taweelah - KIZAD A (Non-Free Zone),

Abu Dhabi, United Arab Emirates



<https://goo.gl/maps/qei3c49rcGeNQqNA9>

#### CONFIDENTIALITY NOTICE:

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