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31 YEARS

IN DESIGN AND APPLICATION FROM CONCEPT TO VALIDATION
AT PHARMACEUTICAL PRODUCTION PLANT


SAYARGRUP



H.MURAT SAYAR / M.S. ARCHITECT

Sayar Grup serves in all architectural, mechanical, electrical and BMS project design.

Engineers whose are working as dependent on solid challenges, our architects are designing the volumes using volumes revealing lines, clear and create impressive plastic effects in a prescriptive program.

Sayar Grup is the leader company for all operations Project design, Project management, installations and turn-key constructions.

Sayar Grup is responsible of Project and construction Works of mostly industries, logistics and warehouses and office buldungs and residences.

We have more than 40 referances at Pharmaceutical and Chemical Industry till 31 years.

Sayar Grup offers to clients:

- . Fexible
- . Efficient
- . Low Cost
- . Simple to Expand

Sayar Grup signed the sector from concept to validation, project design and applications with 31 years of experience at Clean Room Technologies.

Today standardization is the most effective part of Clean Room Technologies like every points of life.

Standards are the results based on logic, analyse and rigorous examination. They get the based on well defined needs and problems.

Experience is precisely proofing the standards. Solutions and experiences lie at the basis of standard and economic mass production.

Sayar Grup, analysis the needs of the client and generate correct solutions, confirming GMP and FDA standards with the experience of 31 years in high-tech Clean Room Technologies since 1990.

In order to create better production conditions, the rules created by upgrading technology of every are followed carefully and taken into consideration during the project.

OUR TARGET IS TO EXCEED THE GLOBAL STANDARDS



CERTIFICATE

**SAYAR GRUP MÜHENDİSLİK İNŞAAT TAAHHUT
SANAYİ TİCARET LİMİTED ŞİRKETİ**
NIDA KULE KUZEY BATI BARBAROS MAH. BEGONYA SK. NO:3 D:151-146 ATAŞEHİR/İSTANBUL

ISO 9001:2015 KALİTE YÖNETİM SİSTEMİ *Quality Management System*

"CONSTRUCTION OF NON-RESIDENTIAL BUILDINGS (INDUSTRIAL FACILITY ETC.)"
The accordance of the standart within the scope is verified.

Certificate No	: NS.KS.378/2019
Certification Initial Issue Date	: 07.10.2019
Certification Issue date	: 07.10.2019
Certificate Validation Date	: 06.10.2020
Certification period	: 3 years
EA Code	: 128
Rev. No	: 00






Onay / Approved



Bu belge, kuruluşün NETSERT Belgelendirme Kuruluşuna tarafınca ve yada en az bir diğer yetkili kurum tarafından yapılan ölçütler doğrultusunda gerçekleştirilmiştir. Belgeyi gerektiren durumlar meydana gelene kadar geçerlidir.
 Dieses Zertifikat ist nur in Verbindung mit einer entsprechenden Durchführung der Überwachungsaktivitäten gültig.
 This certificate is valid in case of compliance with the relevant conditions and only in conjunction with continued performance of surveillance activities.
 To check this certification validity please visit www.netsert.net



CERTIFICATE

**SAYAR GRUP MÜHENDİSLİK İNŞAAT TAAHHUT
SANAYİ TİCARET LİMİTED ŞİRKETİ**
NIDA KULE KUZEY BATI BARBAROS MAH. BEGONYA SK. NO:3 D:151-146 ATAŞEHİR/İSTANBUL

ISO 14001:2015 ÇEVRE YÖNETİM SİSTEMİ *Environmental Management System*

"CONSTRUCTION OF NON-RESIDENTIAL BUILDINGS (INDUSTRIAL FACILITY ETC.)"
The accordance of the standart within the scope is verified.

Certificate No	: NS.ÇS.235/2019
Certification Initial Issue Date	: 07.10.2019
Certification Issue date	: 07.10.2019
Certificate Validation Date	: 06.10.2020
Certification period	: 3 years
EA Code	: 128
Rev. No	: 00






Onay / Approved



Bu belge, kuruluşün NETSERT Belgelendirme Kuruluşuna tarafınca ve yada en az bir diğer yetkili kurum tarafından yapılan ölçütler doğrultusunda gerçekleştirilmiştir. Belgeyi gerektiren durumlar meydana gelene kadar geçerlidir.
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 This certificate is valid in case of compliance with the relevant conditions and only in conjunction with continued performance of surveillance activities.
 To check this certification validity please visit www.netsert.net



CERTIFICATE

This CUSTOMER SATISFACTION MANAGEMENT SYSTEM is available for

**SAYAR GRUP MÜHENDİSLİK İNŞAAT TAAHHÜT
SANAYİ TİCARET LİMİTED ŞİRKETİ**
NIDA KULE KUZEY BATI BARBAROS MAH. BEGONYA SK. NO:3 D:151-146
ATAŞEHİR/ İSTANBUL / TURKEY

It has been independently assessed and found to comply with the requirements of the following standard.

ISO 10002:2018

This certificate is given in the following scope:

**CONSTRUCTION OF NON-RESIDENTIAL BUILDINGS
(INDUSTRIAL FACILITY ETC)**

Certificate Number : AQN-TR-3942 Certificate Initial Issue Date : 07 October 2019 Certificate Issue Date : 07 October 2019 Certificate Validity Date : 06 October 2020 Certification Period: 3 Years	CEO of AQNCERT 
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 Phone : +91-955646-3880 / E-Mail : info@aqncert.com
 To check this certification validity please visit www.aqncert.com




CERTIFICATE

This OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM is available for

**SAYAR GRUP MÜHENDİSLİK İNŞAAT TAAHHÜT
SANAYİ TİCARET LİMİTED ŞİRKETİ**
NIDA KULE KUZEY BATI BARBAROS MAH. BEGONYA SK. NO:3 D:151-146
ATAŞEHİR/ İSTANBUL / TURKEY

It has been independently assessed and found to comply with the requirements of the following standard.

OHSAS 18001:2007

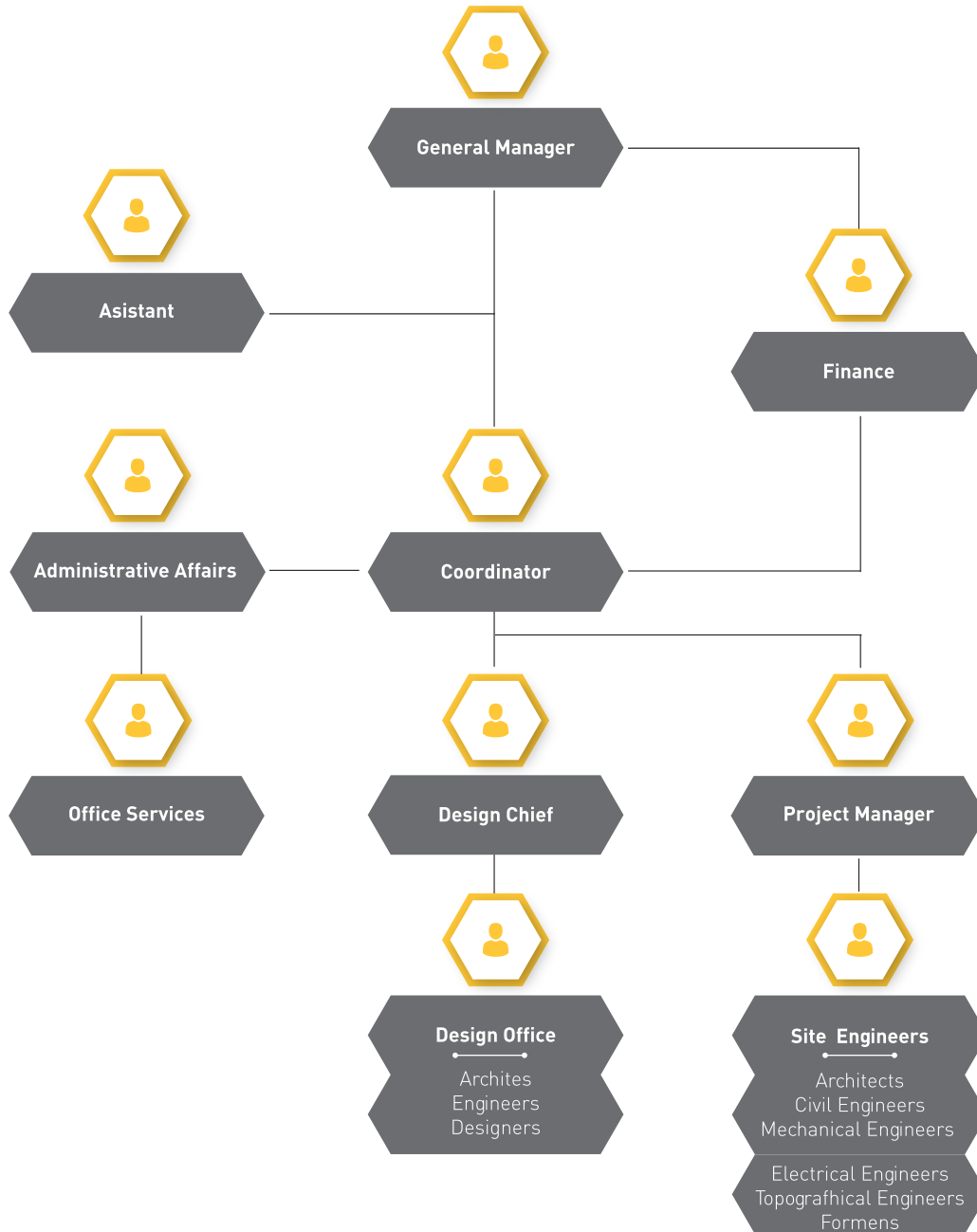
This certificate is given in the following scope:

**CONSTRUCTION OF NON-RESIDENTIAL BUILDINGS
(INDUSTRIAL FACILITY ETC)**

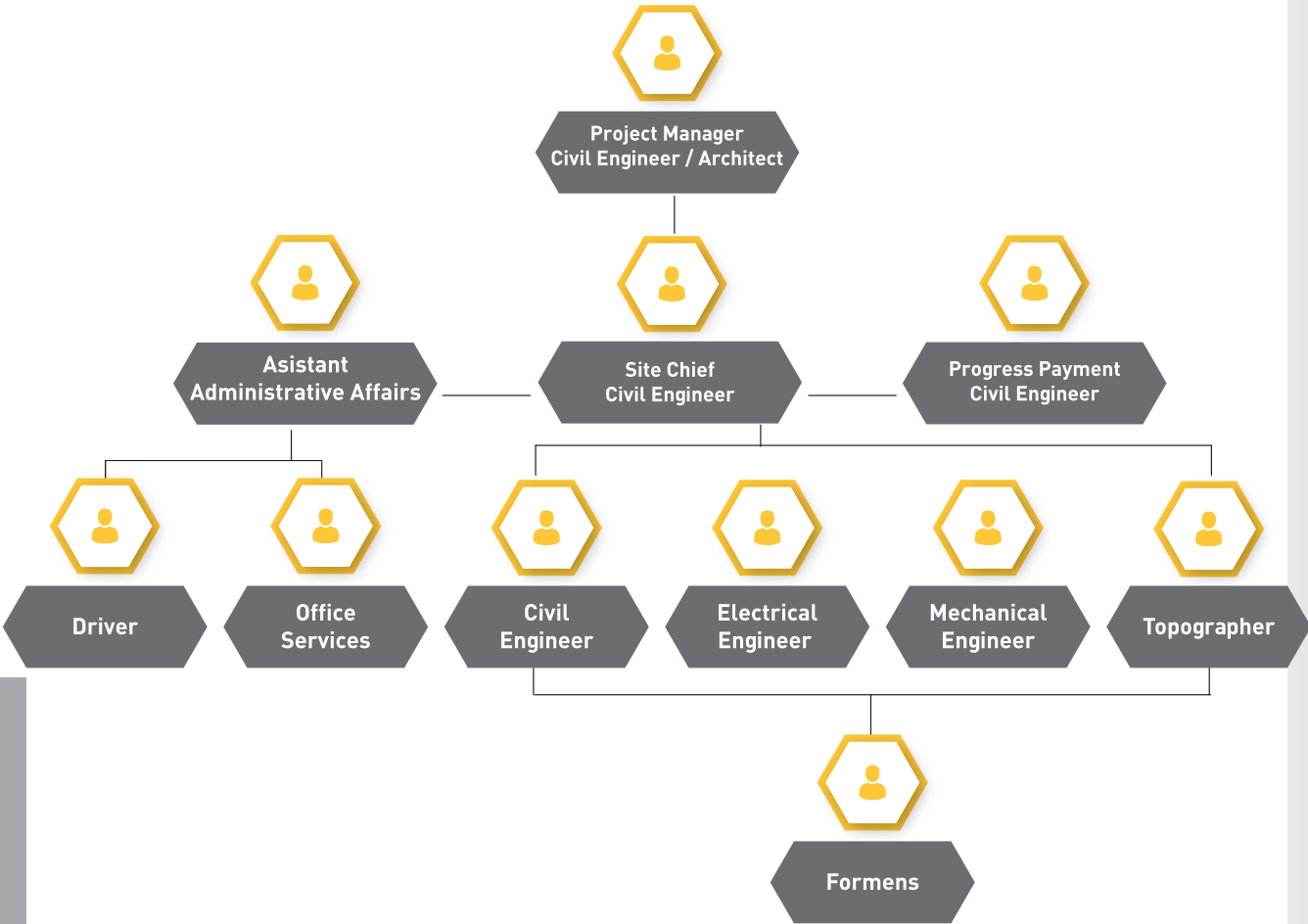
Certificate Number : AQN-TR-3941 Certificate Initial Issue Date : 07 October 2019 Certificate Issue Date : 07 October 2019 Certificate Validity Date : 06 October 2020 Certification Period: 3 Years	CEO of AQNCERT 
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CONSTRUCTION WORKS ORGANISATION SCHEME



REFERENCES

WORLD MEDICINE İLAÇ SAN VE TİC. LTD. ŞTİ.	Pharmaceutical Production Plant	Project Design Project Management	Çerkezköy OSB / Tekirdağ	47 055 m ²	2015 - 2016 2015 - 2017 2018 - 2021
DHL WORLDWIDE EXPRESS TAŞIMACILIK VE TİC. A.Ş.	Head Office and İstanbul New Airport Gateway	Project Design Project Management	İstanbul Airport / Arnavutköy / İstanbul	25 238 m ²	2018 2019 - 2020
HELBA İLAÇ İÇ VE DIŞ TİC. LTD. ŞTİ.	Pharmaceutical Production Plant	Project Design Project Management	Tuzla Deri OSB / İstanbul	11 150 m ²	2019 -2020
EMZOR PHARMACEUTICAL INDUSTRIES LTD.	Cephalosporin Production Plant	Project Design	Lagos / Nigeria	4 700 m ²	2019 - 2020
AGRICHIM - MEDIPHARM SARL	Pharmaceutical Production Plant	Project Design	Oran / Algeria	9 505 m ²	2019 - 2020
TURGUT İLAÇ A.Ş.	Biotechnics Pharmaceutical Production Plant	Project Design Project Management	Gebze OSB / Kocaeli	11 480 m ²	2015 - 2016 2018 - 2020
ALİ RAİF İLAÇ SANAYİ A.Ş.	Pharmaceutical Production Plant	Project Design	İkitelli OSB / İstanbul	19 500 m ²	2020
FARMED ANTİBİOTİCS SHPK.	Betalactam Production Plant	Project Design	Tiran / Albania	1 480 m ²	2018
LANTANA PARKE SAN. İNŞ. TİC. A.Ş.	Parquet Production Plant	Project Design	Gebkim OSB / Kocaeli	10 995 m ²	2018
BİLİM İLAÇ SAN. VE TİC. A.Ş.	Sterile Liquid Production Plant	Project Design Project Management	Gebze OSB / Kocaeli	2 760 m ²	2017 - 2018
GEBKİM ORGANİZE SANAYİ BÖLGESİ	Bazaar, Hotel, Health Unit Complex Mosque	Project Design	Gebkim OSB / Kocaeli	16 872 m ² 1 051 m ²	2017
ALBİLA SERUM BİYOLOJİK ÜRÜNLER SAN. VE TİC. A.Ş.	Biological Serum Production Plant Scorpion Antidote Production Plant	Project Design	Çerkezköy OSB / Tekirdağ	4 230 m ²	2017
MUSTAFA NEVZAT İLAÇ SAN. A.Ş.	Sterile Liquid Production Plant	Project Design Project Management	Yenibosna / İstanbul	4 253 m ²	2016 - 2017

REFERENCES

EMZOR Pharmaceutical Industries Ltd.	Betalactam Pharmaceutical Production Plant	Project Design	Lagos / Nigeria	8 400 m ²	2016
ALTINYILDIZ TEKSTİL	Office Building and Weaving Factory	Project Design	Çerkezköy OSB / Tekirdağ	11 800 m ²	2015 - 2016
FARMA-TEK İLAÇ SAN. LTD. ŞTİ.	Pharmaceutical Production Plant	Project Design Supervising and Project Service Hygienic Partition Wall and Ceiling Installation	Kırklareli OSB / Kırklareli	12 240 m ²	2013 -2014 2015 - 2016
MUSTAFA NEVZAT İLAÇ SAN. A.Ş.	New Pharmaceutical Dispensing Area	Project Design Project Management	Yenibosna / İstanbul	400 m ²	2015
SANTA FARMA İLAÇ SAN. A.Ş.	Pharmaceutical Production Plant	Project Design Project Management Hygienic Partition Wall and Ceiling Installation	Dilovası Gebkim OSB / Kocaeli	44 620 m ²	2012 - 2015
KAR GAYRİMENKUL GELİŞTİRME VE İNŞ. A.Ş.	Office Tower	Project Management	Maslak / İstanbul	58 300 m ²	2013- 2015
SANDOZ GRUP SAĞLIK ÜRÜNLERİ SAN. TİC. A.Ş.	Additional Pharmaceutical Plant and Laboratory	Project Design and Supervision	Gebze OSB / Kocaeli	2 100 m ²	2014 - 2015
PANAGRO TARIM HAYVAN GIDA SAN. VE TİC. A.Ş.	Logistic Warehouse	Project Design	Konya 2. OSB / Konya	35 795 m ²	2015
WORLD MEDICINE INVESTMENT LTD.ŞTİ.	Office Building	Project Design	İkitelli / İstanbul	5 965 m ²	2015
REB PHARMA PHARMACEUTICAL COMPANY	Pharmaceutical Production Plant	Project Design	Minsk / Belarus	13 300 m ²	2014
BİYOTEKNİK KİMYA SAN. VE TİC. A.Ş.	Veterinary Pharmaceutical Production Plant	Project Design	Kırklareli OSB / Kırklareli	7 200 m ²	2014
ROM PHARM İLAÇ SAN. VE TİC. A.Ş.	Pharmaceutical Production Plant	Project Design	Çerkezköy OSB / Tekirdağ	3 750m ²	2014

REFERENCES

WORLD MEDICINE İLAÇ SAN VE TİC. LTD. ŞTİ.	Pharmaceutical Production Plant / 2. Phase	Project Design Project Management Hygienic Partition Wall and Ceiling Installation	İkitelli / İstanbul	3 500 m ²	2013 2013 - 2014 2014
TEKNOVET İLAÇ SAN. VE TİC. LTD. ŞTİ.	Veterinary Pharmaceutical Production Plant	Project Design	Çerkezköy OSB / Tekirdağ	9 340 m ²	2013
ZADE VİTAL	Food Supplements Production Plant	Project Design and Supervision	Konya OSB / Konya	2 200 m ²	2013 - 2014
METALKON A.Ş.	Electrical Equipment Manufacturing Plant	Project Design	Gebze OSB / Kocaeli	18 602 m ²	2013
GÜZEL OTO TİC. A.Ş.	Automotive Spare Parts Warehouse & Distribution Center	Project Design	Çatalca İsbas Serbest Bölge	13 117 m ²	2013
WORLD MEDICINE İLAÇ SAN VE TİC. LTD. ŞTİ.	Pharmaceutical Production Plant / 1. Phase	Project Design Project Management Hygienic Partition Wall and Ceiling Installation	İkitelli / İstanbul	2 294 m ²	2012
PHARMAVISION SAN. VE TİC. A.Ş.	Pharmaceutical Production Plant	Project Design	Çerkezköy OSB / Tekirdağ	13 710 m ²	2012
AVICENNA FARMA DIŞ TİC. PAZ. A.Ş.	Pharmaceutical Production Plant	Project Design	Çerkezköy OSB / Tekirdağ	6 000 m ²	2011
MEDPRO - MEDİKAL SAN. VE TİC. A.Ş.	Oncological Pharmaceutical Production Plant	Project Design	Gebze OSB / Kocaeli	11 250 m ²	2011
İLKO İLAÇ SAN. VE TİC. A.Ş.	Pharmaceutical Production Plant	Hygienic Partition Wall and Ceiling Installation	Konya 2.OSB / Konya	5 811 m ²	2010 - 2011
PHARMA TREND KOLLEKTİF ŞİRKETİ	Pharmaceutical Warehouse and Distribution Center	Project Design Project Management	Çatalca İsbas / Serbest Bölge	6 471 m ²	2010 - 2011
AYDOS YAPI KİMYASALLARI	Concrete Additives and Insulation Materials Plant	Project Design	Dilovası / Gebkim	3 683 m ²	2010

REFERENCES

TASARIM PLASTİK TİC. LTD. ŞTİ.	Plastic Injection Plant	Project Design Project Management	Tuzla OSB / İstanbul	4 715 m ²	2010
AKTAŞ DIŞ TİCARET ANONİM ŞİRKETİ	Chemical Raw Materials Production Plant & Warehouse	Project Design Project Management	Dilovası Gebkim OSB / Kocaeli	7 323 m ²	2010 - 2011
EMBİL İLAÇ SAN. LTD. ŞTİ.	Pharmaceutical Production Plant	Project Design Project Management Hygienic Partition Wall and Ceiling Installation	Çerkezköy OSB / Tekirdağ	11 527 m ² 9 657 m ²	2008 - 2009 2010 - 2012
ESTPHARMA SARL -DEVA İLAÇ SAN. A.Ş.	Pharmaceutical Production Plant	Project Design Turn Key Contractor Hygienic Partition Wall and Ceiling Installation	Çerkezköy OSB / Tekirdağ	32 870 m ²	2006 - 2007 2006- 2008
ESTPHARMA SARL -DEVA İLAÇ SAN. A.Ş.	Pharmaceutical Production Plant	Project Design Turn Key Contractor Hygienic Partition Wall and Ceiling Installation	Köseköy / Kocaeli	11 935 m ²	2006 - 2007 2006- 2008
MAQUET CARDIOPULMONARY GMBH	Cardiopulmonary Production Plant	Project Design Project Management Hygienic Partition Wall and Ceiling Installation	Antalya Free Zone / Antalya	6 800 m ²	2006 - 2007
ECZACIBAŞI GYO A.Ş. İŞ BANKASI GYO	İstanbul Kanyon Complex Residence Building	Finishing Works Turn Key Contractor	Levent / İstanbul	35 000 m ²	2004 - 2007
ECZACIBAŞI İLAÇ SAN. VE TİC. A.Ş.	Pharmaceutical Production Plant	Project Design Turn Key Contractor Hygienic Partition Wall and Ceiling Installation	Lüleburgaz / Kırklareli	6 400 m ²	2005 - 2006
SANOVEL İLAÇ SAN. VE TİC. LTD. ŞTİ.	Pharmaceutical Production Plant	Force Account Contractor Hygienic Partition Wall and Ceiling Installation	Çantaköy - Silivri / İstanbul	45 000 m ²	2004- 2006
FARMAKİM LTD. ŞTİ.	Office Building	Project Design Force Account Contractor	Kavacık / İstanbul	1 800 m ²	2005
FARMAKİM LTD. ŞTİ.	Agent Pharmaceutical Warehouse & Logistics	Project Design Force Account Contractor	Yenidoğan / İstanbul	8 500 m ²	2004
MEHTAP MUTFAK ÜRÜNLERİ A.Ş.	Kitchen Furniture Production Plant	Project Design Turn-Key Contractor	Sultanbeyli / İstanbul	16 300 m ²	2003

REFERENCES

HAN MAKİNE LTD. ŞTİ.	Heavy Press Production Plan	Project Design	Sancaktepe / İstanbul	2 300 m ²	2003
MUSTAFA NEVZAT İLAÇ SAN. VE TİC. LTD. ŞTİ.	Pharmaceutical Production Plant	Hygienic Partition Wall and Ceiling Installation Pharma Terazzo Epoxy Floor Covering	İkitelli / İstanbul	6 400 m ²	2002 - 2003
MİLEN İLAÇ HAMMADDELERİ SAN. VE TİC. A.Ş.	Pharmaceutical Production Plant	Project Design Turn Key Contractor Hygienic Partition Wall and Ceiling Installation	Deri OSB / Tuzla İstanbul	4 700 m ²	2002
İLSAN İLAÇ SAN. / HEXAL GROUP	Pharmaceutical Production Plant	Project Design Turn Key Contractor Hygienic Partition Wall and Ceiling Installation	Plastikçiler OSB / Gebze / İstanbul	22 300 m ²	2000 2001- 2002
YETKİN HOTEL	Hotel	Turn Key Contractor	Alanya / Antalya	30 700 m ²	1999 - 2000
EKOL LTD. ŞTİ.	Medical Production Plant	Project Design Project Management	Çekmeköy / İstanbul	3 450 m ² 22 300 m ²	1999 1999 - 2000
MÜNİR ŞAHİN İLAÇ SAN. VE TİC. A.Ş.	Pharmaceutical Production Plant	Project Design Project Management	Kartal / İstanbul	2 700 m ²	1997
BİOFARMA İLAÇ SAN. A.Ş.	Pharmaceutical Production Plant	Project Design Project Management	Sultanbeyli / İstanbul	15 300 m ²	1996 - 1998
EMBİL İLAÇ SAN. LTD. ŞTİ.	Pharmaceutical Production Plant	Project Design Project Management	Bomonti / İstanbul	2 700 m ²	1994 1994 - 1995
HAYER İLAÇ VE TİC. A.Ş.	Pharmaceutical Production Plant	Project Design Project Management	Beykoz / İstanbul	25 300 m ²	1989 -1990 1991 -1993
MEDPA A.Ş.	Enjectable Ampule Production Plant	Project Design Project Management	Beykoz / İstanbul	1 600 m ²	1989 - 1990



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REFERENCES

ON GOING PROJECTS



Function Description : Pharmaceutical Production Plant

Work Description : Project Design
Project Management

Project Design Year : 2015 - 2016

Construction Year : 2015 - 2017 / 2018 - 2021

Plant Area : 31 000 m²

Project Area : 47 055 m²

Project Description : Production Areas

- Sterile Production
 - . Liofilization Flacon, Ampule Fiilling & Packaging
- Solid Forms
 - . Tablet, Capsule, Powder Fiilling Production & Packaging Areas
- Liquid Forms
 - . Syrup, Sprey Production & Packaging Areas
- Semi Solid Forms
 - . Pomad, Suppository Production & Packaging Areas

Technical Areas

Quality Control and Microbiology Laboratories & Dressing Rooms

Shipping & Receiving Areas

Administrator Building

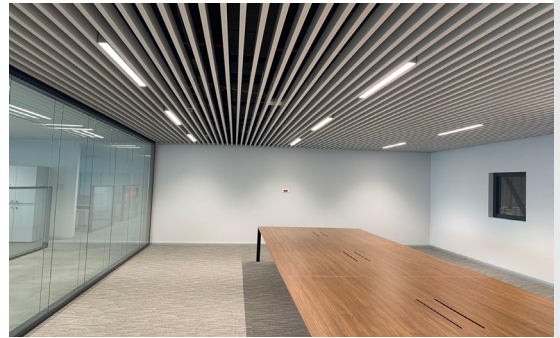
Semi Automatic Warehouse 8 235 Palettes

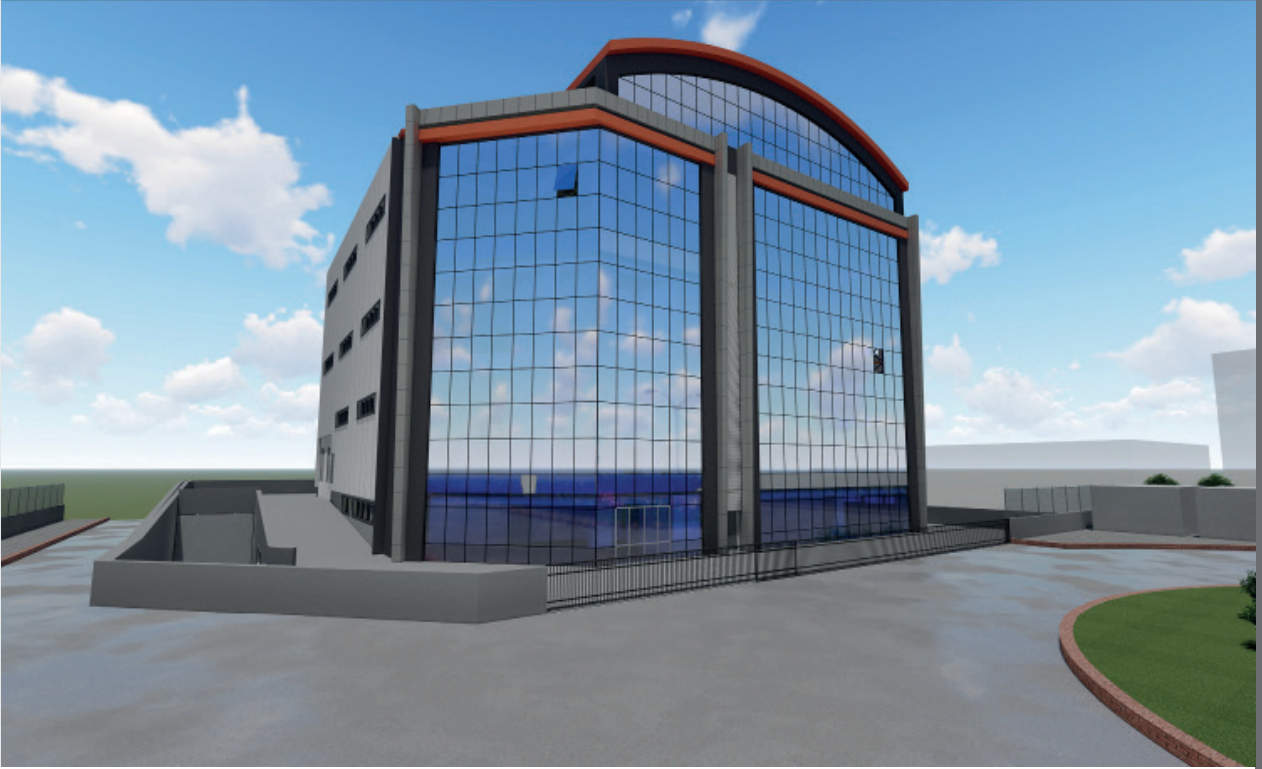
Utility Building





Function Description : Head Office and İstanbul New Airport Gateway
Work Description : Project Design
Project Management
Project Design Year : 2018
Construction Year : 2019 - 2020
Project Area : 25 238 m²
Project Description : Automatic Conveyor Systems
ASRS Full Automatic Warehouse
VNA Warehouse
Shipping Area & Fingers
Offices
Technical Areas





Function Description : Pharmaceutical Production Plant
Work Description : Project Design
Project Management
Project Design Year : 2019
Construction Year : 2019 -2020
Plant Area : 2 500 m²
Project Area : 11 150 m²
Project Description : Production Areas
- Solid Forms
. Tablet, Capsule Production & Packaging Areas
- Liquid Forms
. Syrup Production & Packaging Areas
- Semi Solid Forms
. Pomad, Suppository Production & Packaging Areas
Technical Areas
Quality Control and Microbiology Laboratories
Offices
Shipping and Receiving Areas
Semi Automatic
Warehouse





Function Description : Cephalosporin Pharmaceutical Production Plant

Work Description : Project Design

Project Design Year : 2019 -2020

Plant Area : 170 000 m²

Project Area : 4 700 m²

Project Description : Productions Areas

- . Solid Forms
- Tablet, Capsule & Packaging Area
- . Vial Filling Line

Technical Areas

Quality Control & Microbiology Laboratories

Shipping & Receiving Area





Function Description : Pharmaceutical Production Plant

Work Description : Project Design

Construction Year : 2018

Plant Area : 5 200 m²

Project Area : 9 505 m²

Project Description : Production Area

- Liquid Forms

· Contact Lens Solution Production Areas & Packaging Areas

Quality Control & Microbiology Laboratories

Shipping & Receiving Area

Semi Automatic Warehouse 3 200 Pallets

Offices

Technical Areas





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REFERENCES

COMPLETED PROJECT



Function Description : Betalactam Pharmaceutical Production Plant

Work Description : Project Design

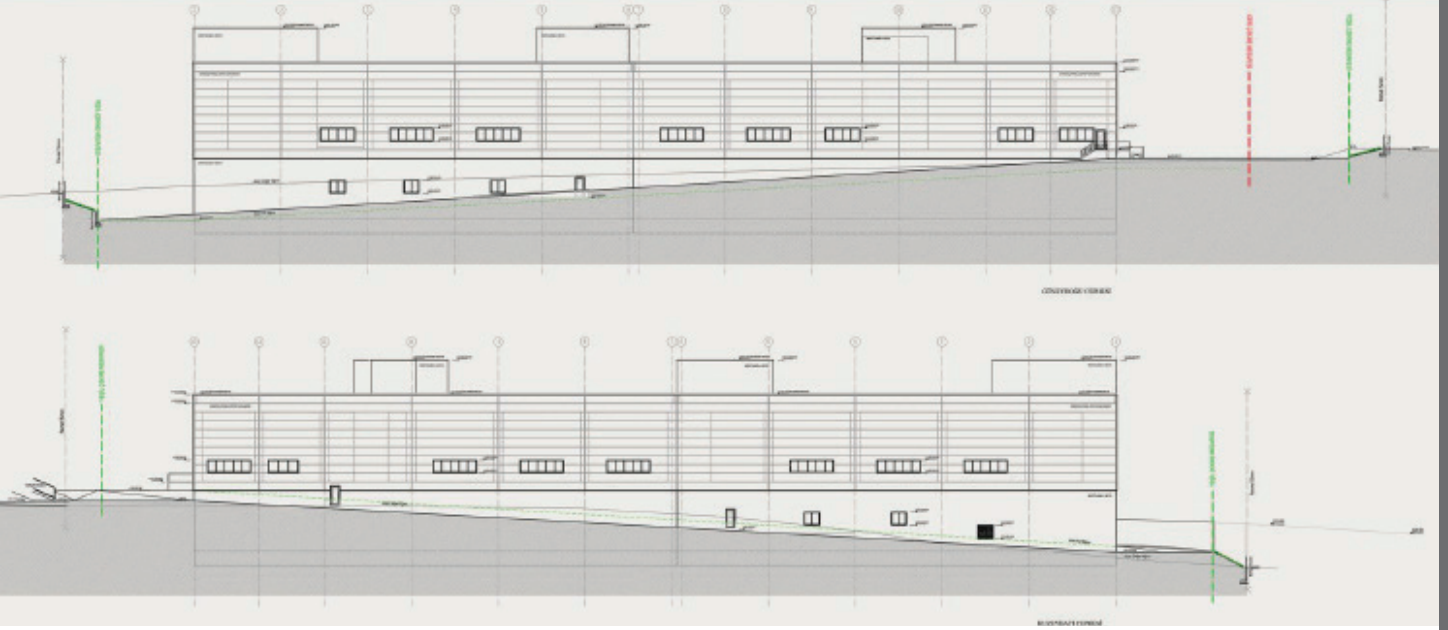
Project Design Year : 2018

Project Area : 1 480 m²

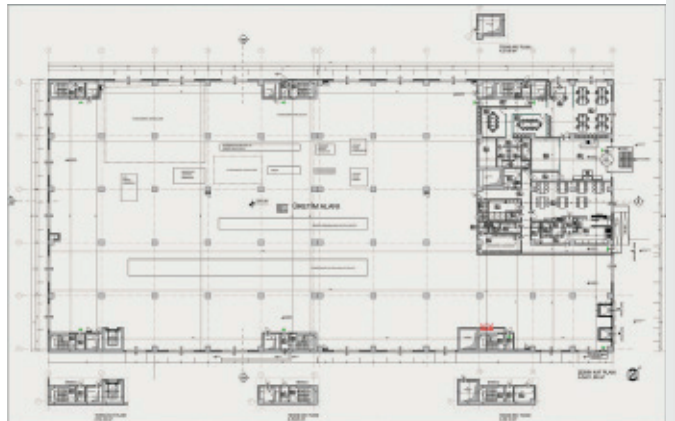
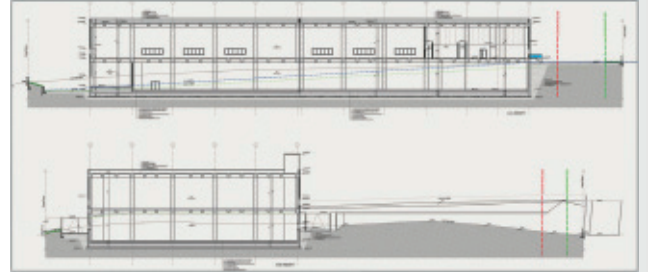
Project Description : Production Areas

- Solid Forms
 - . Tablet, Capsule Filling & Packaging Areas
 - Sterile Area
 - . Suspension Filling, Enjectable Forms & Packaging Areas
- Shipping Area and Warehouse
Technical Areas





Function Description : Parquet Production Plant
Work Description : Project Design
Project Design Year : 2018
Plant Area : 19 995 m²
Project Area : 10 995 m²
Project Description : Production Areas
- Parquet Production & Packaging Area
Shipping & Receiving Area
Flammable Material Warehouse
Offices
Technical Areas





Function Description : Pharmaceutical Production Plant
Work Description : Project Design
Project Management
Project Design Year : 2017
Construction Year : 2017 - 2018
Plant Area : 60 000 m²
Project Area : 2 717 m²
Project Description : Production Areas
Sterial Liquid Production & Packaging Area
Shipping and Receiving Areas
Changing Rooms
Quality Control & Microbiology Laboratories

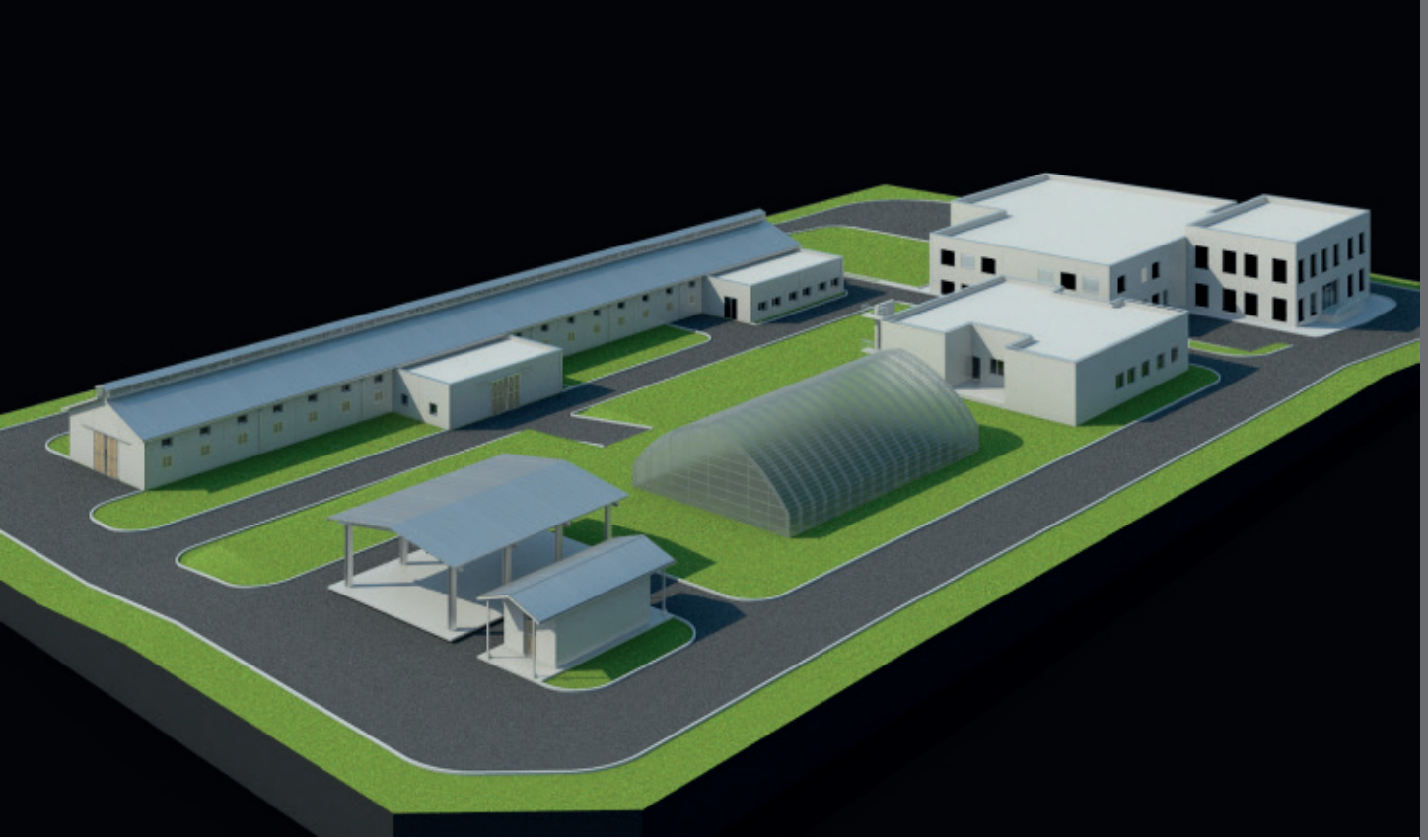




Function Description : Bazaar, Hotel, Health Unit Complex
Work Description : Project Design
Project Design Year : 2017
Plant Area : 15 526 m²
Project Area : 16 872 m²
Project Description : Bazaar
· Restaurant
· Cafe
· Bank
· Social Activities
86 Rooms Hotel
Health Unit

Function Description : Mosque
Work Description : Project Design
Project Design Year : 2017
Plant Area : 2 200 m²
Project Area : 1 051 m²
Project Description : 1 100 People Mosque





Function Description : Biological Serum Product Plant - Scorpion Antidote Production Plant

Work Description : Project Design

Project Design Year : 2017

Plant Area : 14 000 m²

Project Area : 4 230 m²

Project Description : Production, Laboratory & Administration Buildings

Horse Stable Building

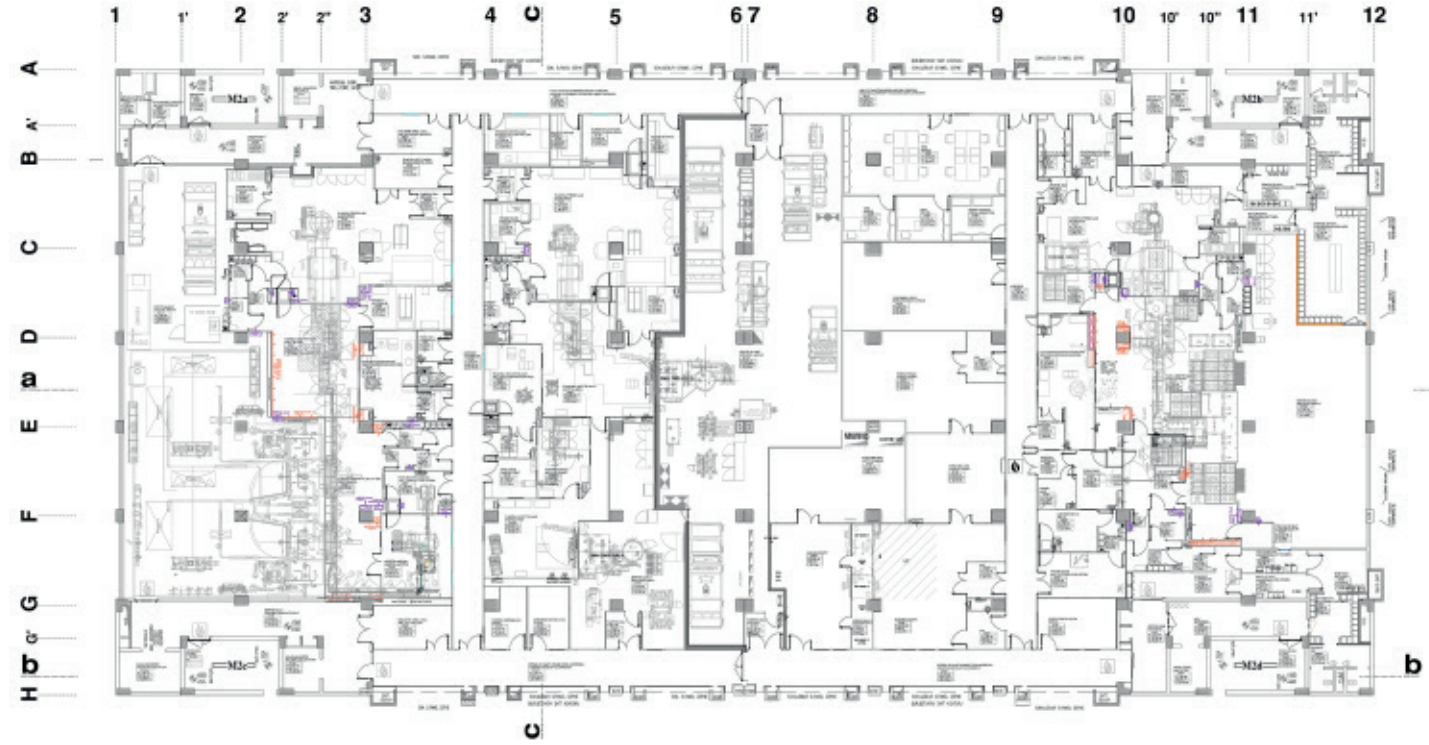
Scorpion & Experimental Animals Building

Quarantine Building

Hayloft Building

Closed Paddock





Function Description : Pharmaceutical Production Steril Area

Work Description : Project Design
Project Management

Project Design Year : 2015

Construction Year : 2015 - 2017

Project Area : 4 253 m²

Project Description : Sterile Liquid Production Areas
. Vial Filling & Liofilization Area
. Control Washing Area
. Material Waiting Area
. Technical Areas
. Office





Function Description : Cephalosporin Pharmaceutical Production Plant

Work Description : Project Design

Project Design Year : 2016

Plant Area : 170 000 m²

Project Area : 8 400 m²

Project Description : Productions Areas

- . Solid Forms
Tablet, Capsule & Packaging Area
- . Vial Filling Line

Technical Areas

Quality Control & Microbiology Laboratories

Shipping & Receiving Area

Warehouse 2 400 Pallets

Utility Centre

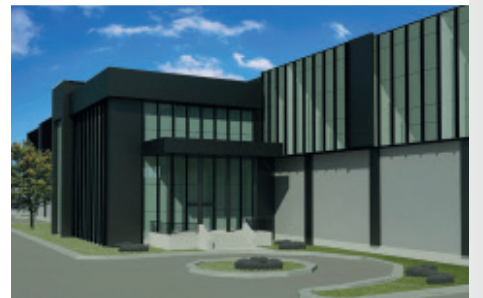
Additional Building

Site Master Plan



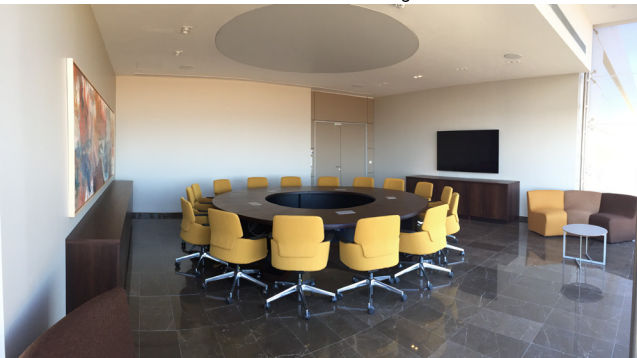


Function Description : Textile & Weaving Plant
Work Description : Project Design
Project Design Year : 2016
Plant Area : 125 000 m²
Project Area : 11 800 m²
Project Description : Office Building / Warehouse
Weaving Building
Shipping & Receiving Area
Utility Building
Site Master Plan





Function Description : Pharmaceutical Production Plant
Work Description : Project Design
 Supervising and Application Project Services
 Hygienic Partition Wall & False Ceiling Installation
 : 2013 - 2014
Project Design Year : 2015 - 2016
Construction Year : 38 899 m²
Plant Area : 12 240 m²
Project Area : Production Areas
Project Description - Solid Forms
 . Tablet, Capsule Production & Packaging Areas
 - Semi Solid Forms
 . Pomad, Cream Forms Production & Packaging Areas
 Technical Areas
 Shipping and Receiving Area
 Semi Automatic Warehouse 1260 Palettes
 Administrator Building
 Quality Control & Microbiology Laboratories,
 R&D Laboratories & Dressing Rooms
 Utility Building
 Additional Buildings





Function Description : Pharmaceutical Production Plant New Dispensing Areas
Work Description : Project Design
Project Management
Hygienic Partition and False Ceiling Installation
Project Design Year : 2015
Construction Year : 2016
Project Area : 400 m²
Project Description : Dispensing Area

Function Description : Pharmaceutical Production Plant Laboratory Revision
Work Description : Project Design
Project Design Year : 2016
Project Area : 868 m²
Project Description : Quality Control Laboratory
Microbiology Laboratory

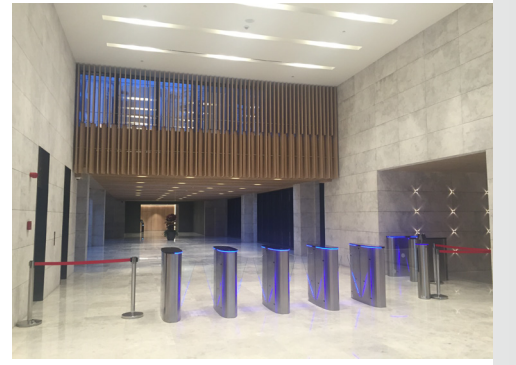


- Function Description** : Pharmaceutical Production Plant
- Work Description** : Project Design
Project Management
Hygienic Partition and False Ceiling Installation
- Project Design Year** : 2012
- Construction Year** : 2012 - 2015
- Plant Area** : 80 000 m²
- Project Area** : 44 620 m²
- Project Description** : Production Areas
- Solid Forms
 - . Tablet, Capsule, Efervesant Production & Packaging Areas
 - Liquid Forms
 - . Syrup, Sprey Production & Packaging Areas
 - Semi Solid Forms
 - . Pomad, Cream Production and Packaging Areas
- Technical Areas
- Quality Control and Microbiology Laboratories
- & Dressing Rooms Building
- Shipping and Receiving Areas
- Semi Automotic Warehouse 10 200 Palettes
- Administrator Building
- R&D Building
- Utility Building
- Additional Buildings





- Function Description** : Office Tower
Work Description : Project Management
Construction Year : 2014 - 2015
Plant Area : 7 900 m²
Project Area : 58 300 m²
Project Description : 23 Floors Office & Parking Places
 . 20 Floors Business Tower / Offices Floors
 . 3 Floors Basement / Parking Places
 . Food Court & Social Areas
 Utilities





- Function Description** : Additional Laboratory & Production Area Construction
Work Description : Project Design (Additional Construction to the Existing Building)
Supervising Services
Project Design Year : 2014
Construction Year : 2014 - 2015
Plant Area : 72 000 m²
Project Area : 1 450 m²
Project Description : Quality Control Laboratories
Additional Production Area
. Solid Form (Granulation & Coating Areas)



Function Description : Warehouse and Logistics Plant

Work Description : Project Design

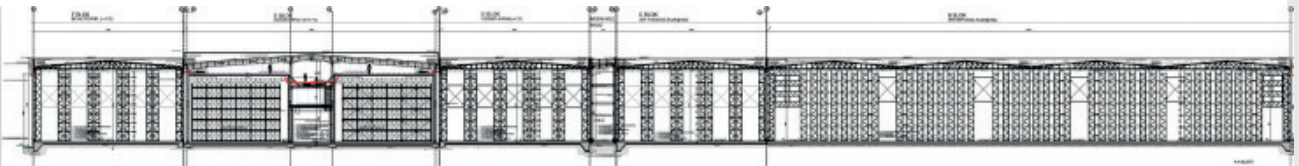
Project Design Year : 2014 - 2015

Plant Area : 45 547 m²

Project Area : 35 795 m²

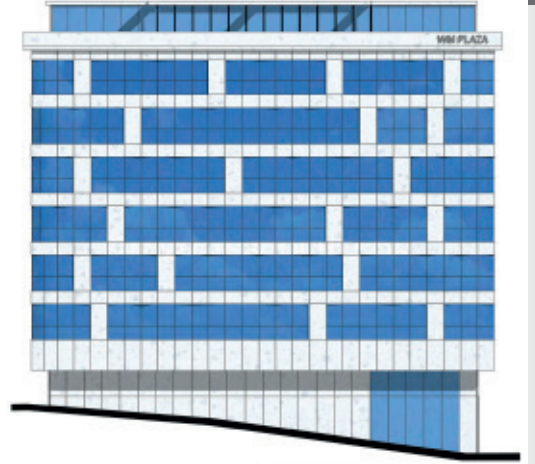
Project Description : Warehouse

- . Total 55 000 Palettes
- . Packaging Materials' Warehouse (Back to back) (15 360 Palettes)
- . UHT Warehouse (Mekik System) (20 856 Palettes)
- . Milk Powder Warehouse (Back to back) (4 032 Palettes)
- . +4 C⁰ Cold Rooms
- . Yogurt Ayran Warehouse (Back to back) (4 614 Palettes)
- . White Cheese Warehouse (Back to back) (4 614 Palettes)
- . -18 C⁰ Cold Rooms
- . Meat Warehouse (Back to back) (4 044 Palettes)
- . Technical Areas
- . Coolers Central (4 Floors)
- . Additional Buildings





Function Description : Administrator Building
Work Description : Project Design
Construction Year : 2015
Plant Area : 11 480 m²
Project Area : 5 965 m²
Project Description : Total 11 Floors
· 7 Offices Floors
· 4 Basement Floors





Function Description : Pharmaceutical Production Plant

Work Description : Project Design

Project Design Year : 2014

Plant Area : 20 000 m²

Project Area : 13 300 m²

Project Description : Non Steril Production Areas

- Solid Forms
 - . Tablet, Capsule Production & Packaging Areas
- Liquid Forms
 - . Syrup, Sprey Forms Production & Packaging Areas
- Semi Solid Forms
 - . Pomad, Cream, Suppozituar Forms Production & Packaging Areas
- Sterile Production Areas
 - . Injection Filling Area
 - . Eye Drop Filling Area
 - . Liyofilizasyon
 - . Testing & Packaging Areas

Technical Areas

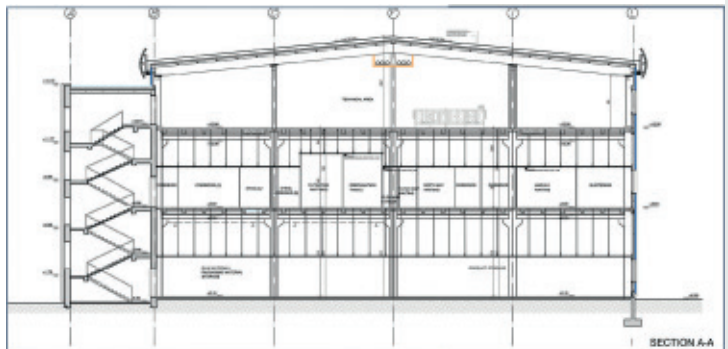
Warehouse ve Shipping & Receiving Area 920 Palettes

Quality Control and Microbiology Laboratories

Offices

Utility Building

Additional Buildings





Function Description : Veterinary Pharmaceutical Production Plant

Work Description : Project Design

Project Design Year : 2014 - 2015

Plant Area : 13 190 m²

Project Area : 7 200 m²

Project Description : Production Areas

- Solid Forms
 - . Tablet & Capsule Production Area
- Liquid Forms
 - . Syrup Production Area
- Semi Solid Forms
 - . Pomad & Cream Production Area

- Packaging Area

Technical Area

Shipping & Receiving Area

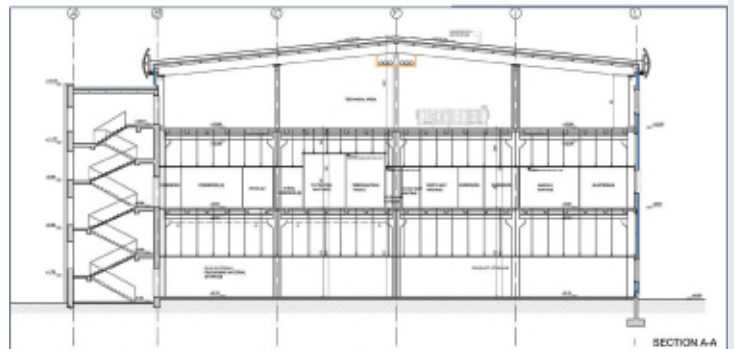
Semi Automatic Warehouse 1296 Palettes

Administrator Building

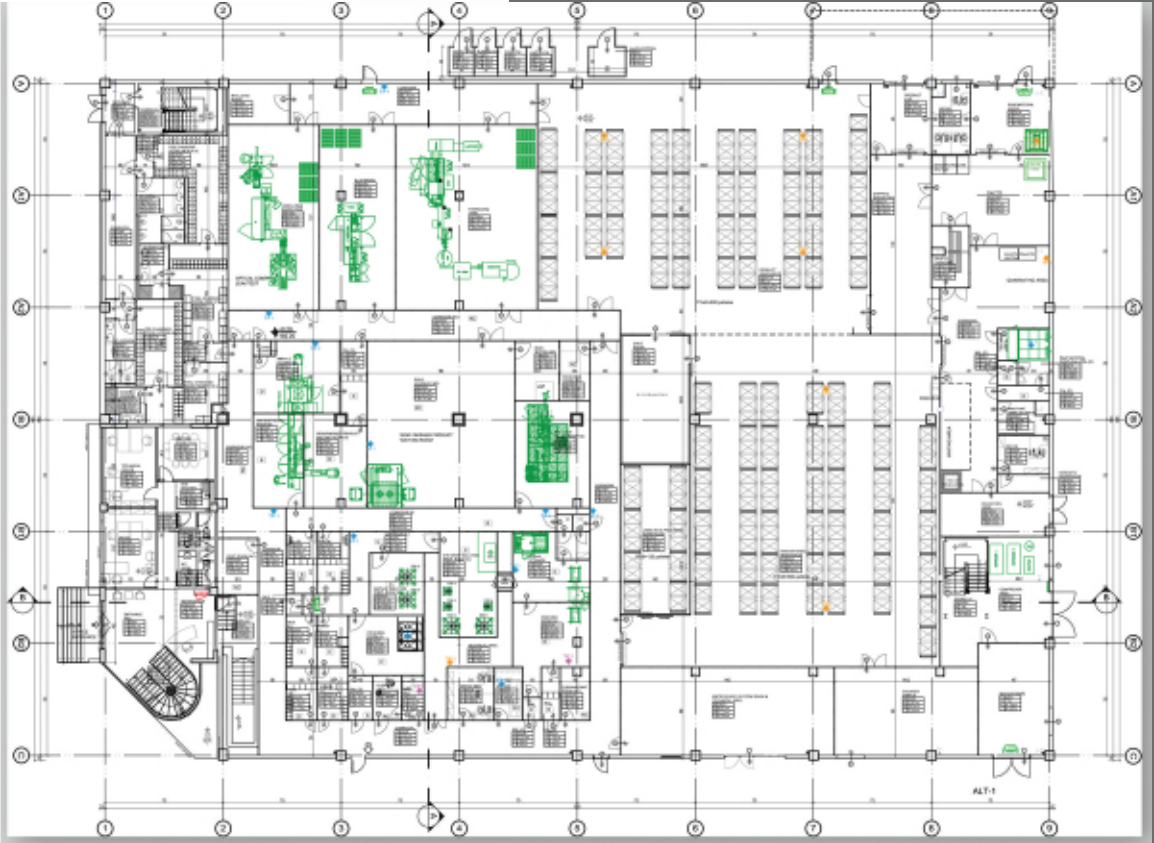
Quality Control & Microbiology & R&D Laboratories

Utility Building

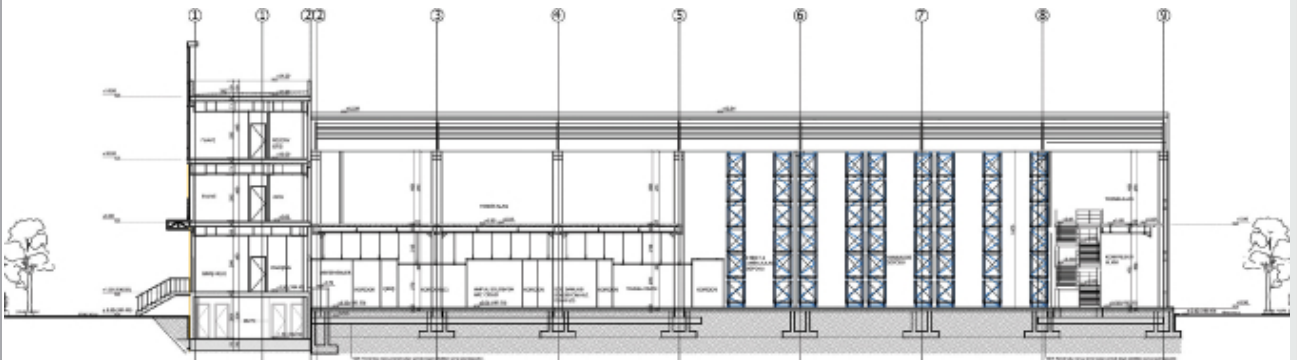
Additional Buildings



ÇERKEZKÖY OSB / ÇERKEZKÖY



- Function Description** : Pharmaceutical Production Plant
Work Description : Project Design (Existing Building)
Project Design Year : 2014
Plant Area : 5 255 m²
Project Area : 3 450 m²
Project Description : Production Areas
- Liquid Forms
. Eye Drop Production Area
. Injection Production Area
- Packaging Areas
Technical Areas
Administrator Building
Quality Control & Microbiology Laboratories
Warehouse ve Shipping & Receiving Area
Offices
Additional Buildings



KESİT B-B



Function Description : Pharmaceutical Production Plant / 2.Phase

Work Description : Project Design
Project Management

Project Design Year : 2013

Construction Year : 2013 - 2014

Plant Area : 2 482 m²

Project Area : 3 500 m²

Project Description : Production Areas

- Solid Forms
 - . Tablet, Capsule, Bottle Filling Production Area
- Liquid Forms
 - . Eye Drop Production & Packaging Areas
- Soft Gelatine Production Area
- Packaging Areas
- Shipping & Receiving Area
- Warehouse





Function Description : Veterinary Pharmaceutical Production Plant

Work Description : Project Design

Project Design Year : 2013

Plant Area : 9 410 m²

Project Area : 9 340 m²

Project Description : Non Steril Production Area

- Solid Forms
 - . Tablet, Powder Production & Packaging Area
- Technical Areas
- Warehouse & Shipping & Receiving Area
- Packaging Area
- Administor Office
- Quality Control, Microbiology and R&D Laboratories

Cephalosporin Production Area

- Solid Forms
 - . Tablet, Powder Production & Packaging Area
- Semi Solid Forms
 - . Pomad, Cream Forms Production Areas

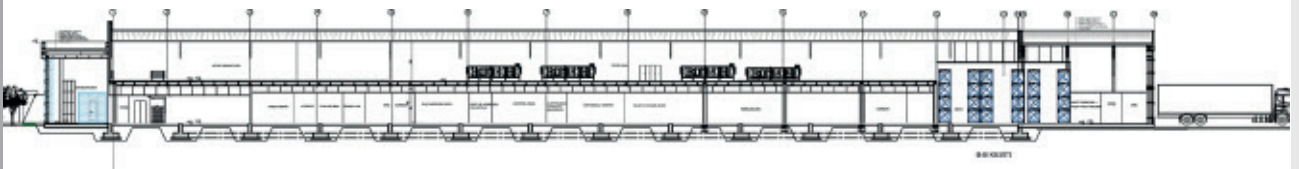
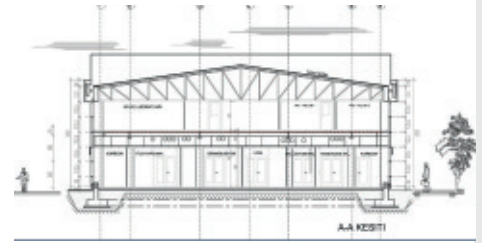
External Parasites Production Area

- Warehouse, Shipping & Receiving Area
- Quality Control & Microbiology Laboratories
- Utitty Building
- Additional Buildings



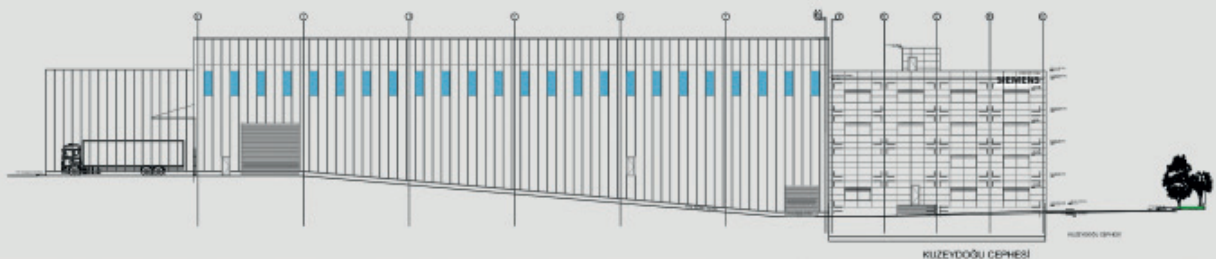


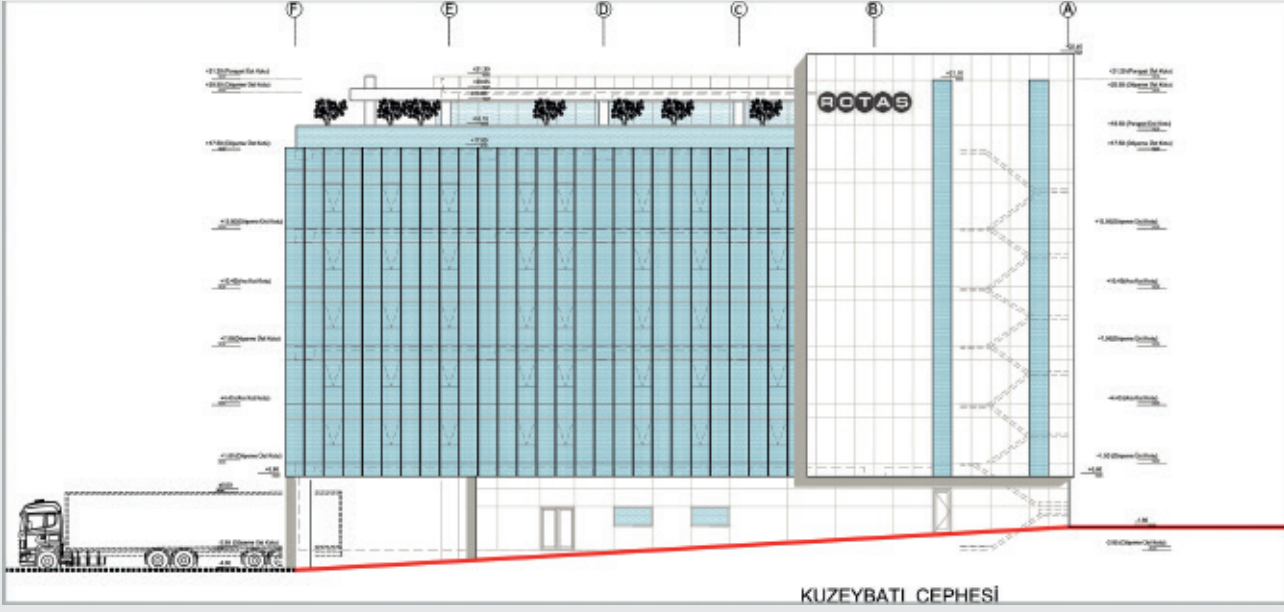
- Function Description** : Food Supplementary Production Plant
Work Description : Project Design (Existing Building)
Project Design Year : 2013 - 2014
Project Area : 4 285 m²
Project Description : Production Areas
- Solid Forms
 . Tablet, Powder Production Area
- Liquid Forms
 . Cold Pressed Oils Filling Area
- Soft Gelatine Production
- Cream Production
- Packaging Area
Quality Control, Microbiology & R&D Laboratories
Technical Areas
Shipping & Receiving Area
Warehouse
Additional Buildings





Function Description : Electrical Material Production Plant
Work Description : Project Design
Project Design Year : 2013
Plant Area : 20 128 m²
Project Area : 22 132 m²
Project Description : Production Building
Administrator Building (4 Floors)
Warehouse
Utility Building





- Function Description** : Auto Spare Parts Warehouse
Work Description : Project Design
Project Design Year : 2013
Plant Area : 2 448 m²
Project Area : 13 117 m²
Project Description : Warehouse (5 Floors)
· Warehouse 8010 Palettes, 13117 mt. Industrial Racks (3 Floors)
· Shipping & Receiving Area
· Administrator Offices
Utilities





Function Description : Pharmaceutical Production Plant / 1. Phase
Work Description : Project Design (Exiting Building)
Project Management (Renovation Construction)
Hygienic Partition Wall and False Ceiling Installation
Project Design Year : 2012
Construction Year : 2012
Plant Area : 2 482 m²
Project Area : 2 294 m²
Project Description : Production Areas
- Solid Forms
. Tablet, Capsule, Powder Production Area
- Liquid Forms
. Eye Drop Production and Packaging Areas
. MDI & DPI
Technical Area
Shipping and Receiving Area
Warehouse





Function Description : Cephalosporin Pharmaceutical Production Plant

Work Description : Project Design

Project Design Year : 2012

Plant Area : 45 263 m²

Project Area : 13 170 m²

Project Description : Production Areas

- Solid Forms
 - . Tablet, Capsule, Production & Packaging Area
- Liquid Forms
 - . Syrup Production & Packaging Areas
- Semi Solid Forms
 - . Pomad, Cream Production & Packaging Areas

Technical Areas

Warehouse

Quality Control and Microbiology Laboratories

Administrator Offices

Utility Building

Additional Buildings





Function Description : Oncological Pharmaceutical Production Plant

Work Description : Project Design

Project Design Year : 2011

Plant Area : 17 143 m²

Project Area : 6 801 m²

Project Description : Production Areas

- Solid Forms
 - . Tablet, Capsule, Production & Packaging Area
- Liquid Forms
 - . Enjektabl Production & Packaging Areas
 - . Flakon Production & Packaging Areas
 - . Vaccine Production & Packaging Areas

Technical Areas

Shipping and Receiving Areas

Warehouse

Quality Control and Microbiology Laboratories

R&D laboratory

Administrator Offices

Additional Buildings





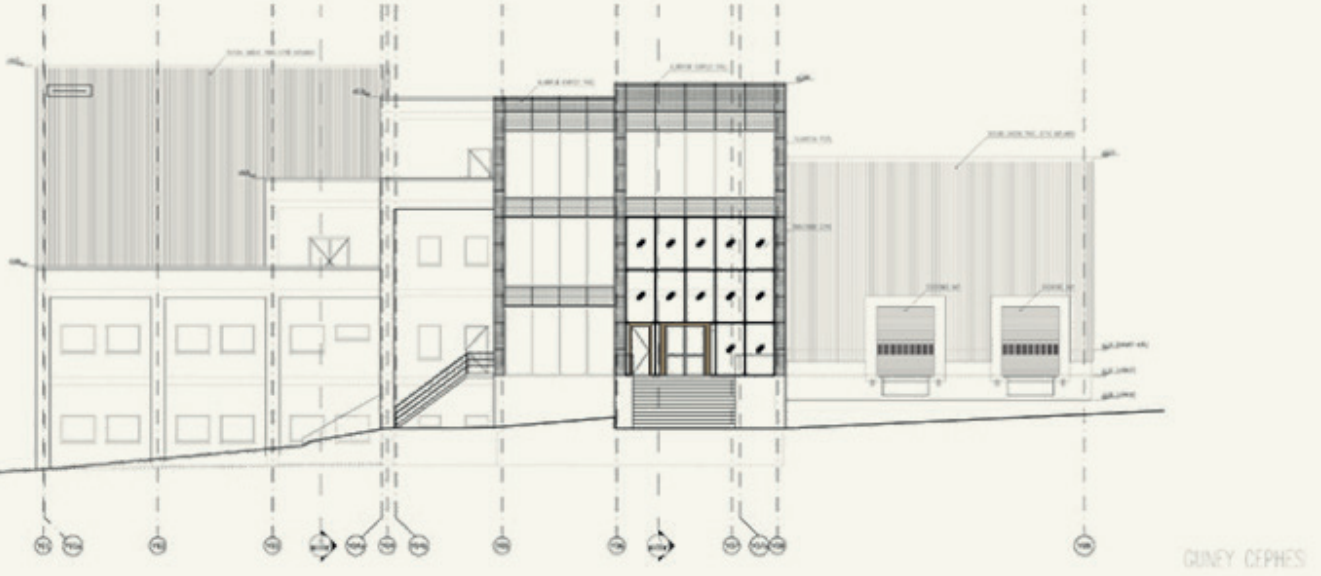
- Function Description** : Pharmaceutical Production Plant
Work Description : Hygienic Partition and False Ceiling Installation
Construction Year : 2011
Project Area : 5 811 m²
Project Description : Production Areas
- Solid Forms
 . Tablet, Capsule, Production & Packaging Area
- Liquid Forms
 . Syrup Production & Packaging Areas



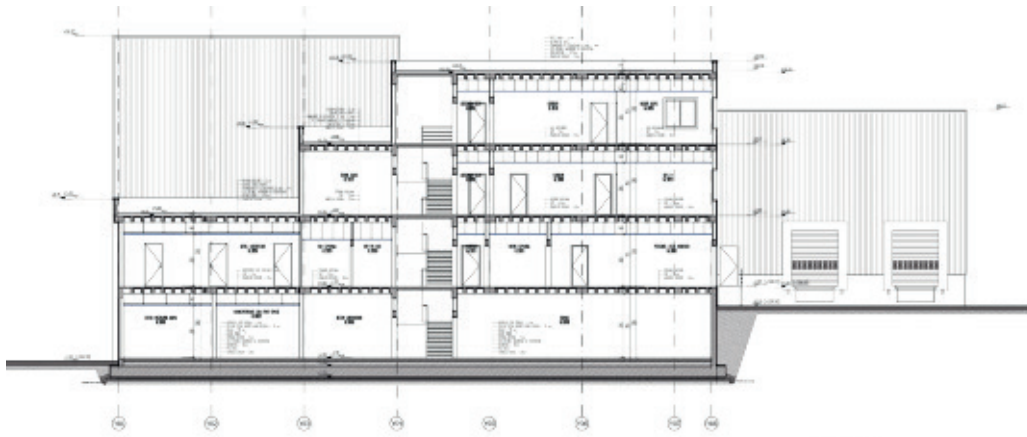


Function Description : Pharma Warehouse, Packeging and Logistics
Work Description : Project Design
Project Management
Project Design Year : 2010
Construction Year : 2010 -2011
Plant Area : 3 595 m²
Project Area : 6 741 m²
Project Description : Shipping and Receiving Areas
Packaging Areas
Semi Automatic Warehouse 9 700 Palettes
Administrator Offices
Technical Areas
Additional Buildings





- Function Description** : Construction Chemical Production Plant
Work Description : Project Design
Project Design Year : 2010
Plant Area : 13 839 m²
Project Area : 3 683 m²
Project Description : Production Building
Administrator Building (4 Floors)
Warehouse Building
Utilities





Function Description : Plastic Injection Factory
Work Description : Project Design
Project Management
Project Design Year : 2010
Construction Year : 2010
Plant Area : 3 000 m²
Project Area : 4 180 m²
Project Description : Production Building
Office Building (4 Floors)
Warehouse
Utilities Areas





- Function Description** : Chemicals and Drug Raw Materials
Warehouse and Production Plant
- Work Description** : Project Design
Project Management
- Project Design Year** : 2009
- Construction Year** : 2009 - 2010
- Plant Area** : 9 924 m²
- Project Area** : 7 323 m²
- Project Description** : Production Areas
Semi Automatic Warehouse 10 200 Palettes
Solvent and Alcohol Warehouse 1 800 Palettes
Shipping & Receiving Areas
Quality Control & R&D Laboratories
Administrator Building (4 Floors)
Technical Areas





Function Description : Pharmaceutical Production Plant
Work Description : Project Design
Project Management
Hygienic Partition and False Ceiling Installation
Project Design Year : 2008 - 2009
Construction Year : 2010 - 2012
Plant Area : 34 047 m²
Project Area : 9 707 m²
Project Description : Production Areas
- Semi Solid Forms
. Pomad Production & Packaging Areas
. Suppozituar Production & Packaging Areas
. Strip Production & Packaging Areas
Technical Areas
Shipping & Receiving Areas
Semi Automatic Warehouse 2 400 Palettes
Quality Control & Microbiology & R&D Laboratories
Dressing Rooms Building
Administrator Building
Utility Building
Additional Building





Function Description : Pharmaceutical Production Plant
Work Description Project Design
 Turn-key Contractor
 Hygienic Partition and False Ceiling Installation
Project Design Year : 2006
Construction Year : 2006 - 2008
Plant Area : 52 000 m²
Project Area : 32 870 m²
Project Description : Non Steril Production Building
 - Solid Forms
 . Tablet, Capsule, Powder Production & Packaging Areas
 - Liquid Forms
 . Syrup Production & Packaging Areas
 - Semi Solid Forms
 . Pomad, Cream Production & Packaging Areas
 Technical Areas
 Shipping and Receiving Areas
 Warehouse 7 200 Palettes
 Quality Control & Microbiology Laboratories,
 Administrator Building
 Utility Building
 Additional Buildings

Cephalosporin Production Building
 - Solid Forms
 . Tablet, Capsule, Powder Production & Packaging Areas
 - Liquid Forms
 . Flacon Production & Packaging Areas
 Technical Areas
 Quality Control & Microbiology Laboratories,

Betalactam Production Building
 - Solid Forms
 . Tablet, Capsule, Powder Production & Packaging Areas
 - Liquid Forms
 . Flacon Production & Packaging Areas
 Technical Areas
 Quality Control & Microbiology Laboratories,





Function Description : Pharmaceutical Production Plant
Work Description : Project Design
Turn-key Contractor
Hygienic Partition & False Ceiling Installation
Project Design Year : 2006
Construction Year : 2006 - 2008
Plant Area : 32 000 m²
Project Area : 11 935 m²
Project Description : Sterile Production Building
. Enjektabl Production & Packaging Area
. Technical Areas
Shipping and Receiving Area
Semi Automatic Warehouse 3000 Palettes
Quality Control & Microbiology Laboratories,
Administrator Building
Utility Building
Additional Buildings



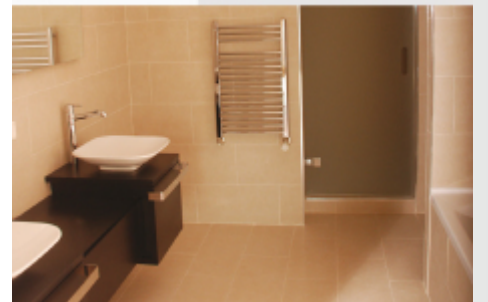


Function Description : Cardiopulmonary Production Plant
Work Description : Project Design
Turn-key Contractor
Hygienic Partition and False Ceiling Installation
Project Design Year : 2006
Construction Year : 2006 - 2007
Plant Area : 13 950 m²
Project Area : 6 800 m²
Project Description : Production Areas
. Cardiopulmonary Production Area
Technical Areas
Warehouse
Quality Control Laboratories
Administrator Offices
Utility Building
Additional Building





- Function Description** : İstanbul Kanyon Complex Residence
Work Description : Finishing Works - Turn Key Contractor
Shop Drawings
Construction Year : 2005 - 2007
Project Area : 35 000 m²
Project Description : 19 Floors Residential Building
152 pcs Apartment Concept
. 21 pcs Different Apartment Concept
. 2 Lobbies
. Technical Areas





Function Description : Cephalosporin Pharmaceutical Production Plant

Work Description : Project Design
Turn-key Contractor
Hygienic Partition & False Ceiling Installation

Project Design Year : 2005

Construction Year : 2005

Project Area : 6 400 m²

Project Description : Production Area
- Solid Forms
. Tablet, Capsule, Powder Production & Packaging Areas
- Liquid Forms
. Flacon Production & Packaging Areas
Technical Areas
Semi Automatic Warehouse 1 200 Palettes
Quality Control & Microbiology Laboratories,
Offices
Utility Building





- Function Description** : Pharmaceutical Production Plant
- Work Description** : Turn-key Contractor
Shop Drawings
Hygienic Partition and False Ceiling Installation
- Construction Year** : 2004 - 2006
- Plant Area** : 100 000 m²
- Project Area** : 45 000 m²
- Project Description** : Production Areas
- Solid Forms
 - . Tablet, Capsule, Powder Production & Packaging Areas
 - Liquid Forms
 - . Syrup, Sprey Production & Packaging Areas
 - Semi Solid Forms
 - . Pomad, Cream Production & Packaging Areas
- Technical Areas
Quality Control and Microbiology Laboratories
Shipping and Receiving Areas
Semi Automatic Warehouse 7 200 Palettes
Administrator Building
Utility Building
Additional Buildings
- Cephalosporin Production Building
- Solid Forms
 - . Tablet, Capsule, Powder Production & Packaging Areas
 - Liquid Forms
 - . Flacon Production & Packaging Areas
- Technical Areas
Quality Control & Microbiology Laboratories





Function Description : Office Building
Work Description : Project Design
Turn-key Contractor
Project Design Year : 2005
Construction Year : 2005
Plant Area : 400 m²
Project Area : 1 800 m²
Project Description : Nine Floors
- 7 Offices Floors



Function Description : Representative Pharmaceutical Warehouse,
Packaging & Logistics
Work Description : Project Design
Force Account Contractor
Project Design Year : 2004
Construction Year : 2004
Plant Area : 6 800 m²
Project Area : 8 500 m²
Project Description : Warehouse 7 100 Palettes
Shipping and Receiving Areas
Packaging Area
Administrator Building (4 Floors)
Technical Areas
Additional Buildings





Function Description : Kitchen Furniture Production Plant
Work Description : Project Design
Turn-key Contractor
Project Design Year : 2004
Construction Year : 2004
Plant Area : 20 000 m²
Project Area : 16 300 m²
Project Description : Production Block 3 Floors
Administrator Building 6 Floors
Technical Areas
Offices Building



Function Description : Heavy Pressed Materials Production Plant
Work Description : Project Design
Project Design Year : 2003
Plant Area : 900 m²
Project Area : 2 300 m²
Project Description : Production Block
Administrator Building 4 Floors



- Function Description** : Pharmaceutical Production Plant
Work Description : Pharma Terrazzo Epoxy Floor Covering
Hygienic Partiton & False Ceiling Installation
Construction Year : 2002 - 2003
Project Area : 6 400 m²
Project Description : Production Area
. Flacon Production Area
. Injectable Production Area
. Sampling Area & Dispensing Area
. Packaging Area
. Technical Areas



Function Description : Quality Control and Stability Laboratories
Renovation of Raw Material
Synthesis Production Area

Work Description : Project Design
Turn-key Contractor
Hygienic Partiton a& False Ceiling Installation

Project Design Year : 2002
Construction Year : 2002
: 20 000 m²

Project Area : 4 700 m²
Project Description : 2 300 m² Laboratories
2 500 m² Renovation of Raw Material Production Area



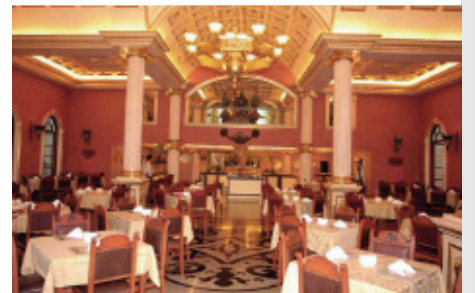


- Function Description** : Pharmaceutical Production Plant
Work Description : Project Design
Turn-key Contractor
Hygienic Partiton and False Ceiling Installation
Project Design Year : 2000
Construction Year : 2000 - 2001
Plant Area : 20 000 m²
Project Area : 22 300 m²
Project Description : Production Areas
- Solid Forms
. Tablet, Capsule Production & Packaging Area
- Liquid Forms
. Syrup, Sprey Production & Packaging Area
- Semi Solid Forms
. Pomad, Cream Production & Packaging Areas
Technical Areas
Shipping & Receiving Areas
Warehouse
Quality Control & Microbiology & R&D Laboratories
Administrator Building
Utility Building
Additional Building





- Function Description** : Hotel (648 Beds)
Work Description : Turn-key Contractor
Shop Drawings
Construction Year : 1999 - 2000
Project Area : 30 700 m²
Project Description : 4 Floors Hotel Building
. 8 pcs Different Conceptual Rooms
. 2 pcs Lobby
. Technical Areas
Restaurant Building
Pool and Beach Facilities
Utility Building





Function Description : Medical Production Plant
Work Description : Project Design
Project Management
Project Design Year : 1999
Construction Year : 1999 - 2000
Plant Area : 1 500 m²
Project Area : 3 450 m²
Project Description : Production Areas
. Semi Solid Forms
. Liquid Forms
. Gauze and Bandage
Technical Areas
Warehouse
Quality Control Laboratories
Administrator Offices



Function Description : Pharmaceutical Production Plant

Work Description : Project Design
Project Management

Project Design Year : 1997

Construction Year : 1997

Plant Area : 10 500 m²

Project Area : 2 700 m²

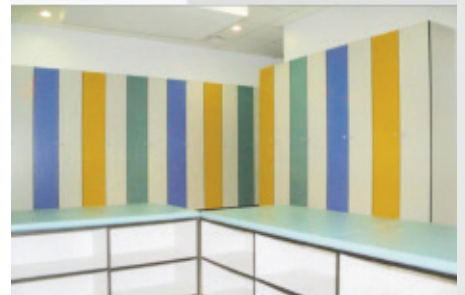
Project Description : Production Building

- Solid Forms
 - . Tablet, Capsule, Powder Production & Packaging Areas
 - Liquid Forms
 - . Syrup Production & Packaging Areas
 - Semi Solid Forms
 - . Pomad, Cream Production & Packaging Areas
- Technical Areas





- Function Description** : Pharmaceutical Production Plant
- Work Description** : Project Design
Project Management
- Project Design Year** : 1996
- Construction Year** : 1996 - 1998
- Plant Area** : 57 000 m²
- Project Area** : 15 300 m²
- Project Description** : Production Building
- Solid Forms
 - . Tablet, Capsule, Powder Production & Packaging Areas
 - Liquid Forms
 - . Syrup Production & Packaging Areas
 - Semi Solid Forms
 - . Pomad, Cream Production & Packaging Areas
- Technical Areas
- Steril Production Building
 - . Steril Production Building
 - Quality Control and Microbiology Laboratories
 - Administrator Building
 - Warehouse Building
 - Utility Buildings
- Hormone Production Building
- Solid Forms
 - . Tablet Production & Packaging Areas
 - Liquid Forms
 - . Flacon Production & Packaging Areas
 - Technical Areas





Function Description : Pharmaceutical Production Plant
Work Description : Project Design
Project Management
Project Design Year : 1994
Construction Year : 1994 - 1995
Plant Area : 350 m²
Project Area : 2 700 m²
Project Description : Production Areas
- Semi Solid Forms
. Pomad Production & Packaging Areas
. Suppozituar Production & Packaging Areas
Technical Areas
Warehouse
Quality Control & Microbiology Laboratories,



Function Description : Pharmaceutical Production Plant Renovation and New Construction

Work Description : Project Design
Project Management

Project Design Year : 1989 - 1990

Construction Year : 1991 - 1993

Plant Area : 32 000 m²

Project Area : 25 300 m²

Project Description : Steril Production Building
- Liquid Forms
. Serum Production Areas
. Injection Forms Production Areas
. Test and Packaging Areas
- Solid Forms
. Tablet, Capsule, Powder Production & Packaging Areas
- Semi Solid Forms
. Pomad, Cream Production & Packaging Areas
Technical Areas
Quality Control & Microbiology Laboratories
Administrator Building
Warehouse
Utility Buildings

Betalactam Production Building
- Liquid Flacon Production & Packaging Areas
- Technical Areas
- Quality Control and Microbiology Laboratories

Function Description : Ampule Glass Production Plant

Work Description : Project Design
Project Management

Project Design Year : 1989 - 1990

Construction Year : 1989 - 1990

Plant Area : 32 000 m²

Project Area : 1 600 m²

Project Description : Production Building
Technical Areas
Quality Control Laboratory
Administarator Building
Warehouse
Utility Building
Additional Buildings