

REFERENCES SINCE 1969

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A- PROJECT & CONSULTING ENGINEERING

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|----|---|------------|
| 1. | SÜMERBANK, ESKİŞEHİR BASMA SANAYİİ MÜESSESESİ
State cloth factory waste water plant engineering | ESKİŞEHİR |
| 2. | ETİBANK, SEYDİŞEHİR ALÜMİNYUM TESİSLERİ GRUP BAŞK.
Aluminium anodizing ,colouring and waste water plant engineering
Capacity:3000 tons/Year | SEYDİŞEHİR |
| 3. | CECELİ TEL VE ÇİVİ SANAYİİ, (HDG)
Continuous steel wire hot dip galvanizing plant engineering
Capacity:4000 ton/Year Length of the plant:85 meters | ANKARA |
| 4. | MAKO A.Ş., (Magneti Marelli -Italy)
Half automatic zinc plating plant for racks (Automotive) | BURSA |

1981-1988

B- ELECTROPLATING & SURFACE TREATMENT PLANTS

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| 1. | TELETAŞ A.Ş., (Bell Telephone -Belgium) Communication
Formerly; Bell telephone licensed, at present; Alcatel France partnership
Half automatic nickel and zinc plating lines for barrels
Half automatic silver plating line for racks
Half automatic aluminium anodizing and colouring line
Lack stripping, acid dipping and emergency shower units | ISTANBUL |
| 2. | ASELSAN A.Ş., Military Electronic
(Philips - Holland licensed production)
Anodizing, gold, silver and nickel plating units
Printed circuit boards plating line for Max Schlötter plant
Waste water unit(Batch system)
II Nickel and cadmium plating lines
Half automatic aluminium anodizing and colouring plant
Half automatic cadmium plating plant (racks & barrels 42 V AC)
Copper - nickel -tin and chromium plating plant (Manuel)
Gold and silver plating line (Manuel) | ANKARA |
| 3. | SİMKO A.Ş.,(Siemens - Turkey) Electrotechnique
Half automatic zinc plating line for racks and barrels
Tin plating unit for barrels
Chemical pre-treatment unit for metals
Half automatic degreasing and copper plating line
Half automatic zinc plating line
Half automatic nickel and silver plating line
Tanks, piping and assembling for continuous waste water treatment plant
Remote controlled rectifiers, exhausting, drying, loading/unloading equipments etc. | ISTANBUL |
| 4. | HEMA DIŞLİ SANAYİ VE TİCARET A.Ş., Automotive
Half automatic manganese phosphate coating line for gears
Batch system waste water treatment unit | POLATLI |
| 5. | JANDARMA UÇAK BAKIM İKMAL . Military Aircraft Maintenance | ANKARA |
| 6. | MKE KURUMU KAPSÜL VE İMAL FAB. MD.,
Half automatic copper-nickel and brass plating line for hunting cartridges
State Factories Group | ANKARA |
| 7. | ARÇELİK A.Ş., Frigidaire Fact.
Aluminium anodizing, colouring and zinc plating lines | ESKİŞEHİR |
| 8. | 2. HAVA İKMAL BAKIM MER. K.(I), Military Fact.
Stripping and phosphating line
1st contract | KAYSERİ |

1972-1980

9.	TETSAN ELEKTRİK A.Ş. (B.B.Cie - Germany)	Electrotechnique	TEKİRDAĞ
	Half automatic zinc and copper-nickel and silver plating lines Solvent degreasing unit Half automatic waste water treatment plant		
10.	İST.SEGMAN SAN. A.Ş. (Goetze - Germany)		SAKARYA
	Half automatic tin plating ,phosphate coating and etching lines for steel piston rings Waste water treatment plant and anti corrosive floor const.		
11.	MKE KURUMU ÇELİK ÇEKME BORU FAB. MD		KIRIKKALE
	Hard chromium plating line for seamless steel tube extrusion tools Total Rectifier Capacity: 37.000 Ampere/Hours		
12.	TETİK SUPAP SANAYİİ		KONYA
	Flash chromium plant for motor valves		
13.	BAŞBAKANLIK MİT MÜSTEŞARLIĞI		ANKARA
	First group plants Second group plants		
14.	ROBERT BOSCH TÜRK A.Ş. (R.Bosch - Germany)		BURSA
	Oil straining system for cutting workbenches Blackening and phosphating plant for diesel engine injectors Neutralizing plant and anticorrosive floor const.	1st contract 2nd contract	
15.	BMC A.Ş. (British Leyland)		İZMİR
	Flash chromium plant for motor valves		
16.	EMSAN A.Ş.		DENİZLİ
	Half automatic copper-nickel and chromium plating line Degreasing and etching unit		
17.	AYGERSAN A.Ş.		ANKARA
	Half automatic phosphating plant for car lighting cases		
18.	ART SERVİS BOYA VE EMİSYON EVİ		İZMİR
	Anodizing plant for aluminium offset plates		
19.	POLMAK MAKİNA İMALAT SANAYİİ A.Ş.		ANKARA
	Cadmium plating line for drilling equipments Hard chromium plating line for drilling equipments		
20.	HEMA DİŞLİ SANAYİ VE TİCARET A.Ş.		POLATLI
	Half automatic manganese phosphate coating line for gears Batch system waste water treatment unit		
21.	TEKOPAK A.Ş. (RAKS)		İZMİR
	Half automatic barrel nickel plating and blackening line for audio cassette screws		
22.	T.ŞEKER FB. ELEKTROMEKANİK FB.		ANKARA
	Airless dying,Cu-Ni-Ag plating and coloured anodizing plants.		
23.	TCDD ELMS LOKOMOTİV FABRİKASI		ESKİŞEHİR
	General surface treatment equipments for railway engine maintenance factory		
24.	KALE KALIP A.Ş., (Stinger Rocket Project)		İSTANBUL (1991)
	Electroless nickel plating, cadmium plating, anodizing & hard anodizing lines		
25.	TUSAŞ A.Ş.,		ESKİŞEHİR (1992)
	Hard chromium and nickel sulphamate plating lines American Aerospace Standards" "Patented by Sermetech" dry paint spraying booth	(F16 MOTOR Project)	
26.	BELTAN A.Ş., First carrying management in Turkey		BURSA (1993)
	Phosphating and zinc plating lines Two parallel lines and three robots		
27.	ROBERT BOSCH TÜRK A.Ş.,		
	Program controlled phosphating plant with two robots	3rd contract	
28.	YILMASAN A.Ş. Mercedes Benz Stars		İSTANBUL (1994)
	Copper, nickel, chromium plating line for Benz Stars		

29.	HS AG, BASEL	Mono rail carrying	SWISS	(1994)
	Half automatic Tin barrel plating line			
30.	SARSILMAZ A.Ş.		DÜZCE	(1995)
	Program controlled black anodizing plant	1st contract		
31.	E.A.E. ELEKTRİK A.Ş.		ISTANBUL	(1996)
	Program controlled Alu.bus bars nickel and tin plating plant			
32.	SARSILMAZ A.Ş.		DÜZCE	(1996)
	Program controlled zamak blackening plant	2nd contract		
33.	ELİS ELEKTRİK A.Ş. HADIMKÖY-		HADIMKÖY	(1996)
	Program controlled zinc, phosphating and alu.chromating plants			
	Four ceiling robots, two cross transport and two loading / unloading robots			
34.	PRESMAK A.Ş.		BURSA	(1996)
	Two ceiling carriers half automatic copper, nickel, chromium plating line			
35.	MUSTAN GALVANO		ISTANBUL	(1997)
	Half automatic nickel, chromium and gold plating plant			
36.	GOLDŞAH Ltd		BURSA	(1997)
	Copper electrolyzing line for generator carbon brush			
37.	SARSILMAZ A.Ş.	3rd contract	DÜZCE	(1997)
	Half automatic electrochemical treatment line for gun barrels			
38.	SAMET KALIP A.Ş.	(Stohrer Doduco -Germany)	ISTANBUL	(1998)
	Program controlled nickel and zinc barrel plating lines			
39.	TUSAŞ A.Ş. (-II-)	F16 Aircraft Motor Project	ESKİŞEHİR	(1998)
	Titanium anodizing plant			
40.	İZELTAŞ A.Ş.		IZMIR	(1998)
	Satin nickel plating unit			
41.	MAYSAN HALLA A.Ş		BURSA	(1999)
	Hard Chromium Plating Unit			
42.	SARSILMAZ A.Ş.(-IV-)	Plant management-Scada	DÜZCE	(1999)
	Program controlled hard chromium plating line			
43.	BELTAN A.Ş. (-II-)	(Freudenberg,Germany Group)		(1999)
	(Plant Management)			
	Program controlled barrel phosphating plant			
	Two lines, two ceiling robots and two transferring carriages			
	(Biggest barrel phosphate coating line of Turkey)			
44.	CAN CEYLAN		BURSA	(2000)
	Half-automatic Rack and Barrel Zinc Plating Plant			
45.	MONROE A.Ş.	(Tenneco Automotive -USA)	ÇORLU	(2001)
	(Program controlled)	Shock absorber rods hard chromium plating plant		
46.	ERGÜN KROMAJ		IZMIR	(2001)
	Program controlled zinc electroplating plant			
47.	KENMORE INTERNATIONAL.Türkiye	(Kenmore -England)	GEBZE	(2001)
	Program controlled pre-treatment and painting plant			
48.	KURMAKSAN Ltd.		BURSA	(2004)
	Electroless Nickel Plating Line (Half Automatic)			
49.	CONVEX DESIGN ABEE	(Plant Management)	Athens	(2003)
	General Electroplating & Lacquering Plant			
	Plant Area	: 18.6 X 40.8 m.		
	Tanks	: 57	Number of Station:	:118
	Ceiling Type Carrier	: 7		
	Shuttle	: 3 + 4		
	Rectifier	: 18		

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| 50. | INGERSOLL RAND - IR A.Ş.
General Surface Plating and Waste Water Treatment
Plant Area : 15 X 62 m.
Tanks : 106
Ceiling Type Carrier : 12
Shuttle : 7
Rectifier : 28 | Number of Station:195 | DÜZCE | (2003) |
| 51. | DEKORPAN TOWEL WARMERS
Nickel and Chromium Plating Plant
Tanks : 47
Ceiling Type Carrier : 3+3
Shuttle : 2 | (Partial Production) | İZMİR | (2003) |
| 52. | DANIŞMENT A.Ş.
Hard Chrome Electroplating Plant For Pump Rods (Half Automatic) | | GEBZE | (2004) |
| 53. | ZF SACHS Amortisörleri A.Ş.(-I-)
Hard Chrome Electroplating Plant for shock absorber rod
Chrome Recovery System and Cation exchanger system
Plant Area : 10 X 30 m.
Tanks : 11
Ceiling Type Carrier : 2
Rectifier : 7 | (Plant Management)
Number of Station:31
10 V 7000A | GEBZE | (2004) |
| 54. | TİM KAPLAMA TEK.A.Ş.
Plant Area : 8,5 X 37 m.
Tanks : 42
Ceiling Type Carrier : 6
Shuttle : 2 | Alkaline Zinc Plating Plant,
Number of Station:81 | BURSA | (2005) |
| 55. | BÜROSİT BÜRO MOBİLYALARI .A.Ş.
Plant Area : 8,5 X 38 m.
Tanks : 43
Ceiling Type Carrier : 4
Shuttle : 2 | Nickel Chromium Plating Plant
Number of Station:63 | BURSA | (2005) |
| 56. | VASMETAL AE THIVA
Barrel and Rack Zinc Plating Plant
Plant Area : 7.2 X 26 m.
Tanks : 19
Ceiling Type Carrier : 2
Rectifier : 3 | Plant Management
Number of Station:33 | GREECE | (2005) |
| 57. | KASTAŞ A.Ş.
Phosphating plant
12 pieces tanks with rack and barrel plating system | Half-automatic | İZMİR | (2006) |
| 58. | BIÇAKÇILAR A.Ş.
Electropolishing Of Medical Equipments | Half-automatic | İSTANBUL | (2006) |
| 59. | VALFSEL A.Ş.
Ni-Cr Plating Plant with Enthone Coop.
Process ,Dosing, Maintenance and Mixing Tanks production and assembling
Waste Gas Extraction System | | MANISA | (2005) |
| 60. | KAPSAN Ltd.
Alkaline & Alloy Zinc Plating Plant
Biggest Zinc electroplating plant of Middle East
Plant Area : 16 X 42 m.
Tanks : 52
Ceiling Type Carrier : 9
Shuttle : 2
Rectifier : 21 | Plant Management
Number of Station:113 | Gebze
KOCAELI | (2006) |

61.	RBS Koll.Şti. Barrel & Racks Zinc Phosphating Plant	Plant Management	BURSA	(2006)
	Plant Area : 3.1 X 13.2 m.			
	Tanks : 11	Number of Station:18		
	Ceiling Type Carrier : 1			
	Shuttle : 2			
62.	ELASKOM Ltd. Barrel & Racks Zinc Phosphating Plant	Plant Management	SAMSUN	(2006)
	Plant Area : 7 X 20 m.			
	Tanks : 18	Number of Station:41		
	Ceiling Type Carrier : 2			
	Shuttle : 2			
63.	PAKKENS A.Ş. Barrel & Racks Nickel Plating Plant	Half-automatic	BURSA	(2006)
	Plant Area : 5.8 X 21 m.			
	Tanks : 15	Number of Station:21		
	Ceiling Type Carrier : 1			
	Shuttle : 4			
64.	DEHA (PARYA) METAL SANAYİ Nickel-Chromium Plating Plant	Plant Management	GEBZE	(2007)
	Plant Area : 6 X 40 m.			
	Tanks : 22	Number of Station:30		
	Ceiling Type Carrier : 3			
65.	HUĞLU Ltd. Hard and GS Anodizing Plant	Dudullu Plant Management	ISTANBUL	(2007)
	Plant Area : 6 X 23 m.			
	Tanks : 15	Number of Station:21		
	Ceiling Type Carrier : 1			
	Laser controlled carrying management			
66.	DERS ALETLERİ YAPIM MERKEZİ Ni-Cr and Zn Plating Plants	(Mekates)	ANKARA	(2007)
	Tanks : 10 +14			
67.	DOĞRULAR Ltd. Alkaline Zinc Plating Plant	Plant Management	KONYA	(2008)
	Plant Area : 17 X 41 m			
	Tanks : 26	Number of Station:57		
	Ceiling Type Carrier : 4			
	Shuttle : 2			
	(The biggest Alkaline zinc electroplating plant of Middle East)			
68.	ZF - SACHS Amortisörleri A.Ş.(-II-) Hard Chrome Electroplating Plant for shock absorber rod	Plant Management	GEBZE	2009
	Plant Area : 11 x 40 m.			
	Tanks : 22	Number of Station:45		
	Ceiling Type Carrier : 5			
	Shuttle : 2			
	Rectifier : 14			
	Chrome Recovery System for waste gases and electrolyte cooling			
69.	DOURDIN Ltd. ABS & Polyamide Electroplating Plant	(France-Portugal Partnership)	GEBZE	2009
	Copper-Nickel-Mat Nickel-Microporous Nickel-Satin Nickel-Decorative Chromium			
	Plant Management -Automation CVK -Italy			
	Plant Area : 17.5 x 33 m			
	Tanks : 57	Number of Station:115		
	Ceiling Type Carrier : 8			
	Shuttle : 3			
	Rectifier : 14			

70.	ALP AVIATION A.S. (Alparta -Sikorsky USA Partnership) Aircraft Parts Chemical and Electrochemical processing plant (American Aerospace Standards)		ESKİŞEHİR	2010
71.	ALP HAVACILIK A.Ş. Titanium Blue Etch Process Line 3 Axle Robot System Continuous Waste Water Treatment Plant	Sikorsky Helicopter Project	ESKİŞEHİR	(2011)
72.	HASÇELİK A.Ş. PPH Process Tanks AISI 316L Process Tanks Phosphate & Boracs Heating Coils HCl Gas Rinsing Units Phosphate & Boracs Waste Gas System Clean Air Feeding System	Iron Coil Phosphating Plant 11 Group 1800 / 5200 / 2000(H)mm 4 Group 1800 / 5200 / 2000 (H) mm 4 Group 1 Group 2 Group 1 Group	KAYSERİ	(2011)
73.	UZAY YÜZEY İŞLEM Ltd.Şti PPH Process Tanks Ultrasonic Degreasing Complete Plant (Except Programming) Waste Gas System	Acid Zing Plating Plant 29 Group 800-2300 / 2500 / 1500(H)mm 1 Group 1800 / 5200 / 2000 (H) mm 1 Group 2 Group	BURSA	(2011)
74.	ARPRES DÖKÜM SAN.Ltd. Hard Chromium Plating Plant For Motorcycles		BURSA	(2011)
75.	MAADI Co.For Engineering Ind. Phosphating Line For Military Factory		CAIRO - EGYPT	(2011)
76.	LİMA Galvaniz ve Metal A.Ş. Silver and Tin Plating Plant (Schneider)		İZMİR	(2011)
77.	SVB Çelik Kataforez Yüzey Kaplama San.Tic.Ltd.Şti Automatic,Modern Alkaline & Alloy Zinc Plating Plant		BURSA	(2012)
78.	ŞEM LASTİK Ticaret ve San.A.Ş. Automatic, Modern Manganese and Zn Phosphating Plant	Automotive Industry	BURSA	(2012)
79.	ROLLMECH Automotive San.Tic.A.Ş. PLC controlled Stainless Steel Electropolishing Plant		BURSA	(2012)
80.	LİMA Galvaniz ve Metal A.Ş. (Schneider Electric) Silver-Tin Plating Line		İZMİR	(2012)
81.	ALP AVIATION Aircraft Technologies Program Controlled Surface Treatment Plant with 4 Line	www.alp.com.tr	ESKİŞEHİR	(2012)
82.	FRESH ELECTRIC FOR HOME APPLIANCES CO. Acidic Zinc Plating Plant		EGYPT	(2012)
83.	SAMPA OTOMOTİV SAN. VE TİC.A.Ş Alkaline + Nickel Alloy Zinc Rack & Barrel Plant Waste Water Treatment Plant	www.sampa.com.tr	SAMSUN	(2013)
84.	NORDANIC INTERNATIONAL ApS Full Automatic Plating on Plastic Plant	www.nordanic.com/ (Automatic Plant,51 Tanks + 8 Carriers)	DENMARK	(2013)
85.	SOFIA MED SA Electrolytic Silver & Tin Plating Plant Zero Waste Treatment Plant	www.sofiamed.bg/ (Automatic Plant, 58 Tanks + 2 Carriers)	BULGARIA	(2013)
86.	PSOMOPOULOS A.& D. Imitation Jewellery Plating Plant (Automatic 41 tanks + 4 carriers)	Small Barrel Plating	GREECE	(2014)
87.	ACOTS Co. Hard Chromium Plating Line for Petroleum Ind.		EGYPT	(2014)

C- PLANT EQUIPMENT AND ACCESSORIES

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|-----|--|----------|--------|
| 1. | MAKO A.Ş.(-II-) (Magneti Marelli -Itay)
Dryer and Oil Skimmers | BURSA | (1972) |
| 2. | METEKSAN LTD.ŞTİ.
Etching plant for aluminium offset plates | ANKARA | (1972) |
| 3. | PDK PRES DÖKÜM KROMAJ A.Ş.
Nickel and chromium plating tanks and gold plating unit | ISTANBUL | (1994) |
| 4. | ASTEK A.Ş.
Nickel plating unit for sanitary armature export production | ISTANBUL | (1994) |
| 5. | E.A.E. ELEKTRONİK A.Ş. (I)
PLC Controlled Carrier and Portal Steel Structure for Carrier;
Capacity:250 Kg Width:3760 mm Height:4400 mm | ISTANBUL | (1995) |
| 6. | GÜNKOL A.Ş.(I) (TEBA GRUBU)
Program controlled phosphatizing plant (One robot)
Capacity:500 Kg,Length:25 m. | IZMIR | (1995) |
| 7. | GÜNKOL A.Ş.(II)
Program controlled degreasing plant (Two robots)
Capacity:500 Kg,Length:36 m | IZMIR | (1995) |
| 8. | ARTEMA A.Ş.
Bright Nickel, satin nickel, chromium plating reserve and conditioning tanks | BOZUYUK | (1995) |
| 9. | 2.H.İ.B.M. K'LİĞİ, (II) 2nd contract
Plant with 36 process tanks for F16 Aircraft project | KAYSERİ | (1995) |
| 10. | VALEO DEBREYAJ END.A.Ş.
Oiling Unit | BURSA | (1996) |
| 11. | ECA Samandıra Tesisleri
Process tanks and accessories for automatic plating plants | ISTANBUL | (1996) |
| 12. | MAYSAN AMORTİSÖR FB. (Monreo Shock Absorber- UK)
Process tanks and accessories and assembling for
hard chromium plating plant imported from Germany | BURSA | |
| 13. | SÜMERBANK SUNİ İPEK FB.
Acid piping system for cellophane production (Co-operation with Swiss firm) | GEMLIK | |
| 14. | DENİZ K. K. SEĞMEN AKÜ FB.Md. (Hagen Akku-Germany)
Tanks, baskets and accessories for Submarine Batteries Factory | GOLCUK | |
| 15. | MSB, 1014.AĞIR BAKIM TAMİR FB.
Surface treatment facilities for general purpose | ANKARA | |
| 16. | ETİBANK FERROKROM FB.
15.000 liters tank for Sodiumhypochloride | ANTALYA | |
| 17. | AKKİM A.Ş. ÇERKEZKOY and YALOVA
Four lines to produce aluminium persulphate
Distillation columns and acid tanks | | |
| 18. | 2. HAVA İKMAL BAKIM M.K.İğİ, (III) (F16 Aircraft Project)
10 completely process tanks:1500/3000/1500 mm
Searching units for surface treatment processes | KAYSERİ | (1993) |
| 19. | PRESMAK A.Ş.
Nickel plating plant for bath shower spirals | BURSA | (1994) |
| 20. | BORUSAN AMORTİSÖR A.Ş.
Carrying robot ant steel construction | TEKIRDAG | (1994) |
| 21. | ERCAN KİMYA ,
10.000 A/hr rectifier for hard chromium plating
20.000 m3/hr Waste Gas Fan | ISTANBUL | (1994) |

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| 22. | SİMKO A.Ş. (IV)
Copper passivating /washing line | ISTANBUL | (1995) |
| 23. | VALFSEL A.Ş.
Degreasing and Stripping Tanks | MANISA | (1996) |
| 24. | NOVA IND. CO. S.A. CAIRO
Program controlled carrying system
Capacity :500 Kg/charge Plant Dimensions: 17.70 / 5.20/4.90 m. | EGYPT | (1996) |
| 25. | ÇELKAP A.Ş. (-I-)
Chromium plating plant main process tanks | MANISA | (1997) |
| 26. | ARTEMA A.Ş.
Air Scrubber Unit | BOZUYUK | (2000) |
| 27. | ALPES A.Ş.
Surface Treatment Accessories | ESKİŞEHİR | (2000) |
| 28. | CPM Otomotiv Ltd.Şti.
Tanks for Alkali Zinc and Catophoresis Plant and Filter, Accessories | BURSA | (2002) |
| 29. | SARSILMAZ A.Ş. (-V-)
Process and Dosing Tanks and Waste Gas Extraction System | DUZCE | (2003) |
| 30. | ARTİMA A.Ş.
Process Tanks for Waste Water Treatment Plant -Borçelik A.Ş.Gemlik | GEMLİK | (2003) |
| 31. | VALFSEL A.Ş.
Process Tanks for Chromium Plating Plant | MANISA | (2003) |
| 32. | ARTEMA A.Ş.
Dryers-Boratec / Mixers /-Nickel Plating Barrel | BOZUYUK | (2003) |
| 33. | MAYSAN HALLA A.Ş.
Process tanks and accessories and assembling | BURSA | (2003) |
| 34. | ARAL TİC.
Process Tanks For Defense Industry Of Gov. | ANKARA | (2004) |
| 35. | SARSILMAZ A.Ş. (-VI-)
Waste Gas System | DUZCE | (2004) |
| 36. | BURSA METAL KAPLAMA ltd.
Filtration System | BURSA | (2004) |
| 37. | EMSE SIZDIRMAZLIK Ltd.
Pumping System With Magnetic Drive Totton Acid Pumps | ISTANBUL | (2004) |
| 38. | EMSE SIZDIRMAZLIK Ltd.
Pumping System With Magnetic Drive Totton Acid Pumps | ISTANBUL | (2004) |
| 39. | VALFSEL A.Ş.
Chromium +3 Unit | MANISA | (2005) |
| 40. | DESER GROUP
Ion Exchanger | ANKARA | (2005) |
| 41. | ETİS LTD.
Process tanks : 10 Pieces | BURSA | (2005) |
| 42. | KAPLANOCHİMİKİ ABEE Athens
Continuously production process tanks and accessories | GREECE | (2005) |
| 43. | ERDENER KİMYA Ltd.Şti.
Pretreatment Chemical and Zinc Plating Research Plant | ISTANBUL | (2006) |
| 44. | CELKA BORU - MİL SAN.TİC.A.Ş.(-I-)
800/7200/1500 Hard Chromium Unit | İZMİR | (2006) |
| 45. | GESU ARITMA SİSTEMLERİ Ltd.(I- II - III -)
Tanks for Waste Water Treatment Plant | BURSA | (2006) |

46.	BOLT CİVATA A.Ş. Tanks for Phosphating line		BURSA	(2006)
47.	CELKA BORU - MİL SAN.TİC.A.Ş.(-II-) Hard Chromium Unit	900/6500/800 mm (H)	IZMIR	(2007)
48.	NOSAB PLATING SHOPS W.W. TREATMENT SYSTEMS Pretreatment units for 37 firms		BURSA	(2007)
49.	ŞEN NİKEL KROM Kapl.Ltd Process Tanks and Filtration System		BURSA	(2007)
50.	UZMAN KATAFOREZ Ltd. (-II-) 12 pcs Process Tanks	100/2500/2000 mm	BURSA	(2007)
51.	DENGE ARITMA SİSTEMLERİ Ltd. Process Tanks		BURSA	(2007)
52.	KAPLANOCHIMIKI ABEE Athens Continuous production process tanks and accessories		GREECE	(2007)
53.	KUTLAR MÜHENDİSLİK Ltd. Polyelectrolyte Process Tanks		ANKARA	(2007)
54.	STANDEX GRAVÜR Ltd. Electroplating Plant Accessories		BURSA	(2007)
55.	ST KİMYA Ltd. Process Tanks		BURSA	(2007)
56.	METAL FINISHING Ltd. Process Tanks	23 pieces	ISRAEL	(2007)
57.	ERGÜN KROMAJ Ltd.(-II-) Phosphating Line Tanks	7 pieces	IZMIR	(2007)
58.	UZMAN KATAFOREZ (-III-) Process Tanks	12 pieces	BURSA	(2007)
59.	UZMAN KATAFOREZ (-IV-) Process Tanks	5 pieces	BURSA	(2007)
60.	UZMAN KAPLAMA (-V-) Process Tanks	5 pieces	BURSA	(2007)
61.	SVB ÇELİK KATAFOREZ Ltd. Cataphoresis Plant Tanks	11 pieces	BURSA	(2008)
62.	KAPLANOCHIMIKI Continuous production process tanks and accessories		GREECE	(2008)
63.	ECO-CONSULT Electroplating Plant Tanks		BULGARIA	(2008)
64.	GESU ARITMA Cylindrical Tanks	3 pieces	BURSA	(2008)
65.	UZMAN KAPLAMA (-VI-) Process Tanks	5 pieces	BURSA	(2008)
66.	BÖLGESEL YAĞMUR SUYU TOPLAMA SİSTEMİ 184 pieces special sewer system collecting and connection systems (HDPE Construction)		MALDIV	(2009)
67.	MEKATES A.Ş. Process Tanks	8 pieces	ANKARA	(2009)
68.	KAPLANOCHIMIKI Process tanks	5 pieces	GREECE	(2009)
69.	DOURDIN Ltd. Mixing Tank Filtration Systems PVDF Tank Lining	6 pieces 8 pieces 1 piece	GEBZE	(2009)

70.	ÇEVRE YAPI ARITMA SİSTEMLERİ Cylindrical Tanks	8 pieces	BURSA	(2009)
71.	ALPES A.Ş. PP/PVC Process tank	4 pieces	ESKİŞEHİR	(2009)
72.	KAPLANOCHİMİKİ - DOMUS Process Tanks	15 pieces	GREECE	(2009)
73.	MEKATES A.Ş. Process tanks	38 pieces	ANKARA	(2009)
74.	KAYA GÜÇ KAYNAKLARI 1.000/6.500/3.000(H) mm	Zinc Plating Tanks 6 grup	ANKARA	(2011)
75.	AZER ENERGY STP_Sumgait Techno Park	Surface Treatment Research Unit (Government Co.)	AZERBAIJAN	(2011)
76.	MAVİGÖZ METAL KAPL.SAN.TİC.LTD. Alkaline Zinc Plating Tanks		İZMİR	(2011)
77.	UPC Uzay Yüzey İşlem Ltd. Waste Gas System For Anodizing		BURSA	(2011)
78.	Denizler Otomotive Ltd. Zinc Plating Tanks		BURSA	(2011)
79.	BPLAST.(ECOGROUP) Waste Gas Units For ABS Plating Line ABS Plating Line Ch.Acid Storage ABS Plating Line Waste water Line Piping		BURSA	(2012)
80.	UZMAN KAPLAMA San.ve Tic.Ltd.Şti. Waste Gas Scrubbing System For Corrosive Gases		BURSA/TR	(2012)
81.	TOSÇELİK Profil ve Sac Endüstrisi A.Ş. Acid Storage Tanks	Total capacity:240 tons	www.tosyaliholding.com.t	OSMANIYE (2012)
82.	SARSILMAZ A.Ş. Hard Chromium Line Tanks	Sport Gun Factory	DUZCE	(2012)
83.	ÇEVRE YAPI Waste Water and Storage Tanks-Scrubber		BURSA	(2012)
84.	ÇİMTAŞ A.Ş. Acid Tank and Heating Coil	General Motors TR 2500/7000/1700mm	www.cimtas.com.tr	BURSA (2012)
85.	DURDEN A.Ş. ABS Plating Line PVDF Oxamat Unit		GEBZE	(2012)
86.	BORUSAN MANNESMAN AŞ Acid Tank and Heating Coil	1110/10410/1200	www.borusanmannesmann.com	İSTANBUL (2012)
87.	FRESH ELECTRIC FOR HOME APPLIANCES CO. Nickel-Chroum Plating Line Tanks-19 pcs		EGYPT	(2012)
88.	FABAL ALUMİNYUM SAN. TİC. A.S. Gas Washers And Equipments		TEKİRDAG	(2015)

D- PLANT RENEWING

1.	TRANSTÜRK A.Ş. Renewing of waste gas system for hard anodizing plant		BURSA	(1995)
2.	VALFSEL A.Ş. Delta Galvano Line - Bright nickel plating tank (9750 lt)		MANISA	(1995)
3.	SİMKO A.Ş.(-V-) Pretreatment Line		İSTANBUL	(1996)
4.	DÖVSA - İZELTAŞ Program controlling of old imported plant	(D.W.Kampschulte-Germany)	KEMALPAŞA	(1997)

5.	BOSCH BRAKE SYSTEMS A.Ş. Exhausting system modernization at old Lefebvre plant(Léfebvre-France)	BURSA	(1997)
6.	VALFSEL A.Ş. Revision of Delta galvano plant	MANISA	(1997)
7.	ÇELKAP A.Ş. (-II-) Chromium plating main process tanks	MANISA	(1998)
8.	VALFSEL A.Ş. (Deltagalvano -Italy) Deltagalvano line:Bus bar contacts modernizing	MANISA	(1998)
9.	VALFSEL A.Ş. Plant modification	MANISA	(1999)
10.	BELTAN VIBROCOUSTIC A.Ş. Modification of Eksaş-I- Plant	BURSA	(2003)
11.	VALFSEL A.Ş. Plant modification	MANISA	(2004)
12.	ZF-SACHS A.Ş. Modification - Capacity Increase	GEBZE	(2006)
13.	ST KİMYA Ltd. Zinc Plating Tanks 16 pieces	BURSA	(2010)
14.	TİSAŞ-TRABZON SİLAH SAN.A.Ş. Gun production,Pre- Degreasing Group	TRABZON	(2010)
15.	KAPLANOCHİMİKİ ABEE -XXIV- Jewellery Plating Line	GREECE	(2010)
16.	KAPLANOCHİMİKİ ABEE -XXV- Heating / Cooling Coil Groups	GREECE	(2010)
17.	VALFSEL A.Ş.-IV- Plating Tanks Renewing Acid Fan And Exhausting System	MANISA	(2010)
18.	DENK-TEK (Denk Tech-Germany) Process Tanks	BURSA	(2010)
19.	ZAFER AVCI MAKİNA Ltd. 2 Sets of Cataphoresis Ceiling Type Carrier Robots Tank Lining and Equipment for Cataphoresis Plant Plant Electrification and Automation	BURSA	(2010)
20.	ALP AVIATION A.Ş. Skorsky Helicopter Project Titanium Blue Etch Prod.Line 3 dimension Robotization System Waste Water Treatment Plant	ESKİSEHIR	(2010)
21.	SİSTEM PARK-II- Waste Water Treatment Plant Tanks	BURSA	(2010)
22.	MANKSAN AMORTİSÖR A.Ş. Hard Chromium Plating Unit	BURSA	(2010)
23.	LEV-KA KALIP MAK.Ltd. LDPE Cheese Production Unit	BURSA	(2010)
24.	INGERSOLL RAND-İR A.Ş. Plant Modification	DUZCE	(2010)
25.	KAVSAN MAKİNA A.Ş. AISI Process Tanks	BURSA	(2010)
26.	INCI ACCUMULATOR FACT. ACCU.Test Stations	MANISA	(2010)
27.	HASÇELİK A.Ş. Steel Rope Production Fact. Compl.Degreasing,Etching,Phospating Plant,Extraction &Gas Washer	KAYSERİ	(2010)
28.	BORÇELİK - GEMLİK Steel Pipe Production Line Revision	BURSA	(2011)
29.	ALP AVIATION CBN Line Modification	ESKİSEHIR	(2011)
30.	INGERSOLL RAND A.Ş. Plating line Revision	DUZCE	(2012)
31.	BORÇELİK - GEMLİK CPL Proses -Pipe Line Revision	BURSA	(2012)

E- HOT DIP GALVANIZING PLANTS AND EQUIPMENT

1. **ECE GALVANİZ A.Ş.** ANKARA (2006)
Hot Dip Zinc Galvanizing Plant Pretreatment Tanks
Tank Dimensions 7 Groups 1500 / 12500 / 2000 mm (H)
2. **ŞA - RA ENERJİ A.Ş.** ADANA (2006)
Hot Dip Zinc Galvanizing Plant Pretreatment Tanks and Aspiration system
Tank Dimensions 7 Groups 1630 / 7000 / 2300 mm (H)
3. **CEPAŞ GALVANİZ A.Ş.** ANKARA (2006)
Hot Dip Zinc Galvanizing Plant Pretreatment Tanks
Tank Dimensions 9 Groups 1720 / 12500 / 3000 mm (H)
Drip covers, piping and heating coils
4. **BET SA -I-** GREECE (2006)
CPP TANK-1250/8500/1250 CPP DRIP
5. **BET SA -I-** GREECE (2006)
CPP TANK-1250/8500/1250 CPP DRIP
6. **GERSAN A.Ş.** TUZLA (2007)
pro-pHx filtration system for HCl pickling tanks
7. **KIRAÇ GALVANİZ A.Ş.**
Hot Dip Zinc Galvanizing Plant Pretreatment Tanks
Tank Dimensions 7 Groups 1500 / 7000 / 2500 mm (H) BURSA (2007)
8. **ENGINEERING Co. FOR METAL GALVANIZATION** EGYPT (2008)
Pro-pHx filtration sys. 4 Groups
Tank Dimensions 3 Groups 1100 / 7000 / 1700 mm (H)
9. **MICHA-FAYAT TOWER** (Mitaş+ Fayat Tower-France Partnership) IZMIR (2008)
Tank Dimensions 15 Groups 1800 / 8000 / 3200 mm (H)
Drip covers, piping and heating coils and catwalks
Air Scrubber and waste gas extraction system Capacity 64.000 m3/hr
Enclosure Total Area : app.1000 m2
10. **LIAROMATIS ABEE** GREECE (2008)
Tank Dimensions 1 Group 1300 / 8000 / 1200 mm (H)
1 Group 2000 / 8000 / 1200 mm (H)
11. **MİTAŞ A.Ş. İZMİT** KOCAELI (2008)
Hot Dip Zinc Galvanizing Plant Pretreatment Tanks
Tank Dimensions 15 Groups 1800 / 8000 / 3200 mm (H)
Drip covers, heating coils , catwalk dripping trays,
Air Scrubber and waste gas extraction system Capacity 64.000 m3/hr
12. **WESTECH-WESTERN TECHNOLOGIES U.S.A (-I-)** KIREEVSK-RUSSIA (2008)
KPLM Russian Project
Tank Dimensions 12 Groups 1500 / 13800 / 2600 mm (H)
PIT Lining
Drip Covering
13. **WESTECH-WESTERN TECHNOLOGIES U.S.A (-II-)** MOSCOW-RUSSIA (2009)
AGIS STAL LCC Russian Project
Tank Dimensions 14 Groups 2000 / 13800 / 3000 mm (H)
Drip Covering
14. **BET SA -II-** GREECE (2009)
CPP TANK-1250/8500/1250 CPP DRIP
15. **BET SA -III-** GREECE (2009)
HDPE-Flux Regeneration Unit

16.	TSANAIS-GALVANODOMI ABEE PP Tank 1000x13000x1800(h)mm	GREECE	(2009)
17.	BAĞFAŞ GÜBRE FABRİKALARI A.Ş. HDPE-Acid Storage Tanks Capacity:50 + 50 m ³	BANDIRMA/TR	(2009)
18.	KARTAL GALVANİZ -I- HDG Plant Pretreatment Unit	ANKARA	(2010)
19.	Engineering Co.for Metal Galvanization-II- PRO-pHx Filtration Unit 2 Groups	EGYPT	(2010)
20.	KARTAL GALVANİZ -II- PRO-pHx Filtration Unit 1 Group	ANKARA	(2010)
21.	KARTAL MEISER Band HDG PRO-pHx Filtration Unit 1 Group Process Tanks For Rinsing And Flux Scrubber And Waste Gas Collecting System	ANKARA	(2010)
22.	KIRAÇ GALVANİZ -II- Flux Regeneration Unit (First program controlled unit in Turkey)	BURSA	(2010)
23.	KIRAÇ GALVANİZ -III- HCl Tanks 7 Groups 1500 / 7000 / 2500 mm (H)	BURSA	(2010)
24.	KIRAÇ GALVANİZ -IV- Heating Coils 5 Groups	BURSA	(2010)
25.	TEKNİK KİMYA Ltd. Carbon Black Mixer Capacity: 30 m ³	ISTANBUL	(2010)
26.	WESTECH-WESTERN TECHNOLOGIES U.S.A (-IV-) V.S.ENERGY Ukrainian Project Tank Dimensions 10 Groups 1.680 / 14.000 / 3200 mm (H)	UKRAIN	(2011)
27.	WESTECH-WESTERN TECHNOLOGIES U.S.A (-IV-) M.V.G. Russian Project Tank Dimensions 8 Groups 1.500 / 13800 / 3200 mm (H)	SMOLENSK-RUSSIA	(2011)
28.	BARBAROS CONTINUOUS CHAIN GALVANIZING PLANT (First in Turkey) 4 Channel Yacht Chain Hot Dip Galvanizing Plant	MUGLA	(2011)
29.	MARMARA-SIEGENER 1.500 /16.300 / 3.000(H)mm 14 group Galvanizing Preptreatment Line (The biggest capacity in Middle East)	KOCAELI	(2011)
30.	BORUSAN MANNESMAN AŞ Galvanizing Line Revision	ISTANBUL	(2011)
31.	BORUSAN Mühendislik Galvanizing Line Revision	GEMLIK	(2011)
32.	WESTECH-WESTERN TECHNOLOGIES U.S.A (-IV-) CJSC "Elektrostal-Zinc" Pretreatment Tanks 1.800 / 13.500 / 3.300 (H) mm-11 pcs	RUSSIA	(2012)
33.	TEZCAN GALVANİZ SAN. VE TİC. A.Ş http://www.tezcan.com/ Galvanizing line piping systems	KOCAELI	(2013)
34.	WESTECH-WESTERN TECHNOLOGIES U.S.A (-V-) Pretreatment Tanks (Dammam)	S.ARABIA	(2013)
35.	WESTECH-WESTERN TECHNOLOGIES U.S.A (-VI-) Pickling Boxes 5 pcs	BULGARIA	(2013)
36.	MARMARA-SIEGENER GALVANİZ .A.Ş. www.galvaniz.com Flux Regeneration System HDPE fresh and used acid storage tanks	KOCAELI	(2013)
37.	WESTECH-WESTERN TECHNOLOGIES U.S.A (-VII-) HDG lines heating coils	CANADA	(2013)

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|-----|--|--|-------------|--------|
| 38. | MARMARA SIEGENER-II-INVESTMENT
Pretreatment Tanks, Scrubber System, Flux Regenerating,
Enclosure of HDG Plant | www.galvaniz.com | WEST TURKEY | (2014) |
| 39. | ISIN GALVANİZ
Flux Regenerating Plant | www.isinaydinlatma.com.tr | ANKARA | (2014) |
| 40. | GALMETSAN
HDG Plant modification | www.galmetsan.com | ADANA | (2014) |
| 41. | SA RA GROUP (Except Kettle+Furnace) Contracted
Modern HDG Plant (Consulting+Engineering+Production+Assembling) | www.sara.com.tr | ADANA | (2014) |
| 42. | KONKAP GALVANIZING
Modern HDG Plant (Consulting+Engineering+Production+Assembling) | www.konkap.com | KONYA | (2014) |
| 43. | BIOMEK
Plant Renovation -Process Tanks and Scrubbing System | www.biomek.gr | GREECE | (2014) |

F- COMPLETED WORKS IN THE LAST YEARS

- | | | | | |
|-----|---|--|-------------|--------|
| 1. | AKMETAL KONTEYNER
Modern HDG Plant (Consulting+Engineering+Production+Assembling) Istanbul Investment | | TR.ISTANBUL | (2015) |
| 2. | PROMETSU İnş.Atık Su Arıtma Ltd.
Waste Water Treatment Plant Equipments | | TR.BURSA | (2015) |
| 3. | DORÇE Prefabrik Yapı İnş.A.Ş.
Oil Separator | | TR.YOZGAT | (2015) |
| 4. | BORÇELİK Çelik San.Tic.A.Ş.
Renewing of the plant | | TR.BURSA | (2015) |
| 5. | ASFUR CRYSTAL
Cataphoresis Equipments for Gold Plating | | EGYPT.CAIRO | (2015) |
| 6. | SİSTEMAS Ltd.
Lamella Settler | | TR.IZMIR | (2015) |
| 7. | ALARKO ALSİM A.Ş.
Oil Separator System | | TR.KOCAELI | (2015) |
| 8. | UPC UZAY Yüzey İşlem Ltd.
Acidic Zinc Plating Plant Capacity Increase | | TR.BURSA | (2015) |
| 9. | ÇİMTAŞ Ltd.
Special Process Tank | | TR.BURSA | (2015) |
| 10. | BORUSAN MANNESMANN - Halkalı -VII-
Heating Coils for Pickling Tanks | | ISTANBUL | (2015) |
| 11. | KAPLANOCHİMİKİ ABEE -XXVI- XXXIV- | | GREECE | (2015) |
| 12. | ÇEVRE YAPI Ltd. Şti.
Continuous Production of Waste Water Treatment Plant Parts | | | (2015) |
| 13. | KAPLANOCHİMİKİ ABEE - XXXV-
Helm Hellas SA - Process Tanks | | GREECE | (2015) |
| 14. | HMS Makina Sanayi Ticaret A.Ş.
Aeronautic Sector - Specific Anodizing Plant | | TR.MANISA | (2015) |
| 15. | KONKAP GALVANİZ KAPLAMA AŞ
Waste Water Treatment Plant Equipments | | TR.KONYA | (2015) |
| 16. | MARMARA SİEGENER GALVANİZ AŞ III Investment
Modern HDG Plant (Consulting+Engineering+Production+Assembling) Trakya Investment | | TR.ÇORLU | (2016) |
| 17. | KENTPAR Ltd.Şti.
Zinc Phosphating Plant (automotive) | | TR.KONYA | (2017) |
| 18. | GÜLMELET GALVANİZ SANAYİ A.Ş.
Modern HDG Plant (Consulting+Engineering+Production+Assembling) Istanbul Investment | | TR.GEBZE | (2017) |

18.	GALVANPLASTIK Kft Nickel Chromium Plating(POP-Plant for ABS)	HUNGARY	(2017)
19.	HİDROMEK Hidrolik, Mek. Makina Ltd. Şti. Manganese Phosphating Plant (heavy machinery)	TR.ANKARA	(2017)
20	MIZRAK METAL Ltd.Şti. Modern Hot Dip Galvanizing Plant (Consulting+Eng.+Prod.+Assembling)	TR.ANKARA	(2017)
21	LINDSAY CORPORATION Middle East Factory Start-up of Modern HDG Plant Complete modification of HDG plant (Made in China)	CORLU	(2017)
22	TEKSİN Ltd.Şti. Modern HDG Plant for Garbage containers production	KONYA	(2017)
23	ARMİN ÇEVRE ARITMA Ltd. Şti. Waste Water Treatment Plant Tanks	TR.BURSA	(2017)
24	SİSTEMPARK Ltd. Şti. Waste Water Treatment Plant Tanks	TR.BURSA	(2017)
25	ÇEVRE YAPI Ltd. Şti. Waste Water Treatment Plant Tanks	TR.BURSA	(2017)
26	HELLENIC AEROSPACE Co. Aircraft Production Chemical Processing Tanks	GREECE	(2018)
27	HELM HELLAS S.A. Sliding Doors,Conveyor System Producer	GREECE	(2018)
28	AL HUDA Co. Completely Hot Dip Galvanizing Plant for SAUDI ARABİA	TR.BURSA	(2018)
29	DOURDIN SA Lille-France-Direction la Turquie Modernization of installed facilities (POP Plant)	TR.Bilecik	(2018)
30	BORUSAN Gemlik + Halkalı Fact. Steel pipe production Modernization of installed chemical operation dept.	TR.BURSA +İSTANBUL	(2018)
31	CIMTAŞ Ltd. Steel Factory Modernization of installed chemical operation dept.		(2018)
32	Baran Çelik Pretreatment Tanks HDG Plant modification	TR. ANKARA	(2018)
33	Micha Tower Duling Tanks Systems	TR. İZMİR ALIĞA	(2018)
34	Çekosan Galvaniz Pretreatment Tanks HDG Plant modification	TR. ANKARA	(2018)
35	Duru Marble and Galvaniz Hot Dip Galvaniz Furnace And Kettle Systems	TR. BURDUR	(2018)
36	Proton Enerji Pretreatment Tanks HDG Plant modification	TR. ANKARA	(2018)
37	SA RA GROUP Duling Tanks Systems	TR. ADANA	(2018)
38	WESTCHEM KİMYASAL Chemical preparation tank with mixer	TR. İZMİR ALIĞA	(2018)
39	Micha Tower Heating Coils	TR. İZMİR ALIĞA	(2018)
40	Gülmelet Galvaniz A.Ş Chemical preparation tank with mixer	TR. İZMİR	(2018)
41	SA RA GROUP Modern HDG Plant (Consulting+Engineering+Production+Assembling) Istanbul Investment	TR. ADANA	(2019)

Turn Key Hot Dip Galvanizing Plants

Who is EST Group

<https://www.youtube.com/watch?v=-h6GWdf48dk&t=68s>

Kettle Dimention : 1800 x 13000 x 3500 (h) mm Ankara

https://www.youtube.com/watch?v=xp1_40IX49g&t=15s

Kettle Dimention : 2050 x 8000 x 3500 (h) mm

<https://www.youtube.com/watch?v=qtGFYecKLUY>



Est" GAL
Turnkey Hot Dip Galvanizing Plant
Design | Productions | Assembly

Est" GAL

FABRİKA DİZAYNI | PROJELENDİRME | MALİYET ANALİZİ
SICAK GALVANİZ EKİPMAN TEDARİĞİ |
MONTAJ ve DEVREYE ALMA | PROSES DANIŞMANLIĞI

Sanayi Bölgesi Geyveli Cad. No: 38/1 Çalı / Bursa
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info@estgal.eu estgal.eu galvaniztesisi.com

OUR COMPANIES :

Eksas Endüstriyel Metal Kaplama Tesisleri San.ve Tic. A.S.

Plants, Electrotechnic, Steel, Plastic Unit Production Factory

Geyveli Str. Nr:38 Calı Industrial Zone-Bursa-TURKEY

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Cali - 16232 BURSA / TR

Fax : 90 (224) 482 28 29

info@eksas.com

www.eksas.com

Est Metal ve End.Müh.San.Tic.Ltd.

Production Factory For Export

Liman Yolu Buseb Free Zone-Bursa-TURKEY

Phone : 90 (224) 524 8474

Gemlik - Bursa / TR

Fax : 90 (224) 524 8475

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EstGal Sıcak Daldırma Galvaniz Teknolojileri San.ve Tic. A.S.

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www.esthalat.com

With; Est Metal & Engineering Estgal Hot Dip Galvanizing Technologies Est Halat Ind.Webbing Slings Technologies EKSAŞ is developing..... Since 1969

Bayoan

Erhan Baycan



ALP HAVACILIK-ESKİŞEHİR

Our company Eksas Industrial Metal Plating Plants A.S. which has been established in 1969 as a family company, continues innovation, growing and developing. According to the requirements and conditions Est Metal Ltd. has been established in Gemlik Free Zone

"We constitute turn-key Hot Dip Galvanizing Plants including engineering services."

EstGal A.S. engaged in Hot Dip galvanizing activity in Bursa. We produce HDG plants including engineering services. The two project; Sa-Ra Galvaniz (Adana) and Konkap A.S.(Konya) are still on production. The production of all units except kettle and furnace belongs to our company .



SOFIA MED - BULGARİSTAN



PSOMOPOULOS - GREECE



KIRAÇ GALVANİZ - FLUX REJENARASYON ÜNİTESİ

Eksas A.S. and Est Ltd. are able to design and produce surface treatment plants to Lockheed, Airbus, Bombardier, Boing proper to AeroSpace standards.



NORDANIC - SLOVAKYA

"Production with international standards by Est Halat."

Airbus, Bombardier gibi önemli fabrikaların standartlarına uygun yüzey işlem tesisleri teslim ediliyor. Bu yıl teslim edilen tesislerimiz arasında Sampa Otomotiv A.Ş.- Samsun, Psomopoulos-Greece, Nordanic-Denmark, Sofia Med-Bulgaria bulunmaktadır.

Est Halat A.S. has been started the production webbing slings. Eksas has decided to establish Est halat to find a solution to supply webbing slings with tustable, international quality to avoid the problems about quality and supply.



SAMPA OTOMOTIV- SAMSUN

The last delivered plants in this year :

Sampa Automotive A.S - www.sampa.com

Psomopoulos/Greece - www.passionfashion.gr

Nordanic/Denmark - www.nordanic.com

Sofia Med/Bulgaria - www.sofiamed.bg



DOKUMA SAPANLAR



SONSUZ LIPLI SAPANLAR



TEK KULLANIMLIK SAPANLAR



SPANZET



EMNİYET KEMERLERİ



LİMAN HALATLARI



ÖZEL TASARIM SAPANLAR