

MECHANICAL

PIPING, TANK AND STEEL CONSTRUCTION ERECTION WITH MANUFACTURING

Let us have a look to the basic definition of mechanics " The analysis of the action of forces on matter or material systems" or "The development, production, operation and use of machines and structures."

In industry and technology mechanics is highly significant and inevitable subject and concept . The quality, life and safety of all kinds of facility and structures depend on the quality and control of the design, manufacturing and erection steps of system itself. This can be executed and performed by the corporations which contain not only technology but also work force mixed with ethics, philosophy and experience.

Since 1974 until today YAMANLAR has been established all kinds of industrial and commercial mechanical works, known as a very comprehensive and competitive name for the provision of high quality executions within European Standards.

MECHANICAL REFERENCES

| MEGRANICAL REFERENCES | | | | | | | | |
|----------------------------|-----------------|-------------|--|------------|--------------------------|--|--|--|
| year | city | country | scope of projects | quantity | contractor | | | |
| KASHAGAN FIELD DEVELOPMENT | | | | | | | | |
| 2009-2010 | Kashagan | Kazakhstan | HVAC works | 15,000 m² | BATEMAN / GATE / AGIP | | | |
| 2005-2006 | Kashagan | Kazakhstan | Equipment erection, paintshop structure and construction erection | 1,000 tons | AGIP / GATE | | | |
| SUGOZU H | AYDAR ALIYEV PO | RT JETTY LI | INE / TURKEY | | | | | |
| 2008-2009 | Yumurtalik | Turkey | 6" Jetty Pipe Line repair, welding works | 250 tons | GBP / BOTAŞ INTL. | | | |
| ALIAGA PE | TROLEUM REFINER | RY | | | | | | |
| 2004-2005 | Aliaga/Izmir | Turkey | Equipment dismantling, modification and erection | 170 tons | GAMA | | | |
| PETKIM | | | | | | | | |
| 2004-2005 | Aliaga/Izmir | Turkey | Equipment structure erection | 100 tons | GAMA | | | |
| AFSIN-ELB | ISTAN POWER PLA | NT | | | | | | |
| 2002-2005 | Afsin | Turkey | Boiler header Access door design, prefabrication and | 400 tons | GAMA/TEKFEN | | | |

MORE THAN 10000 TONS EXPERIENCE

Piping manufacturing and erection works

Equipment installations

Tank manufacturing and erection works

Steel Structure manufacturing and erection works

Boiler manufacturing and erection works



| MECHANICAL REFERENCES | | | | | | | |
|-----------------------|--------------------------|------------|--|-----------------------|-------------|--|--|
| year | city | country | scope of projects | quantity | contractor | | |
| | Kahramanmaras | | erection. | | TOKAR | | |
| SUGOZU P | OWER PLANT | | | | | | |
| 2002-2003 | Yumurtalik Iskenderun | Turkey | Boiler header Access door design, prefabrication and erection. | 120 tons | GAMA/TEKFEN | | |
| VLADIKAU | KAS RUSSIA ARMY | BUILDING | S AND SOCIAL COMPLEX | | | | |
| 1992-1993 | Vladikaukas | Russia | All HVAC and Plumbing systems | 550 build | GAMA | | |
| GAZPROM | CENTER HOTEL AN | D BANK BU | ILDINGS | | | | |
| 1992-1994 | Moscow | Russia | All HVAC and Plumbing systems | 6,500 tons | GAMA | | |
| 1992-1994 | Moscow | Russia | All HVAC systems | 25,000 m ² | GAMA | | |
| ALIAGA RE | FINERY | | | | | | |
| 1986-1987 | Aliaga/Izmir | Turkey | Pipe prefabrication, equipment and pipe erection | 6,500 tons | GAMA | | |
| SELF OLIM | PIC SWIMMING PC | OOL COMPLE | EX | | | | |
| 1977-1978 | Afyon | Turkey | Heating System and Main Steam Line erection | 2,000 tons | YAMANLAR | | |



| STRUC | TURAL STE | REFERE | NCES | | |
|--------------------|-------------------|------------|---|----------------------|--|
| year | city | country | scope of projects | quantity | contractor |
| IZMIT TÜP | RAŞ AREA B JETTY | CONSTRUC | TION | | |
| 2013-2014 | Izmit | Turkey | Steel fabrication and erection | 2,000 tons | STFA Deniz/TÜPRAŞ |
| ALGERİA B | OUFARİK CENTRAI | L GAS TURB | İNE | | |
| 2014- continiue | Boufarik | Algeria | Steel fabrication and erection | 1,700 tons | GAMA Power/Algeria Electric Pro.Co. |
| GMT WATE | R INTAKE TRASRA | CK PROJEC | Г | | |
| 2013 | Malıköy Ankara | Turkey | Water intake trashrack | 130 tons | GMT İmalat/ANKARA |
| TÜPRAŞ UP | GRADING PIPERA | CK PROJEC | г | | |
| 2013 | İzmit | Turkey | Tüpraş Resid Upgrading Project – Piperack | 700 tons | Ahmet Nihat Özhan/ANKARA |
| POLI TRAII | N TERMINAL CANO | PY PROJEC | т | | |
| 2013 | Poti | Georgia | Methanol Storage Terminal Project Train Canopy | 600 tons | HICC Company/GEORGIA |
| KASHAGAN | FIELD DEVELOPM | ENT | | | |
| 2009-2010 | Kashagan | Kazakhstan | Steel prefabrication | 1,000 tons | BATEMAN / AGIP |
| 2009-2010 | Kashagan | Kazakhstan | Steel erection works | 2,000 tons | BATEMAN / GATE / AGIP |
| ANKARA CO | OMBINED CYCLE P | OWER PLAN | IT (C.C.P.P.) | | |
| 2003-2004 | Malikoy Ankara | Turkey | Steel structure design, prefabrication, erection and siding | 1,500 m ² | СМІ |



CIVIL WORKS

Living place for human is more than a shelter. Comfortable, esthetic, safe and contemporary accomodations are the basis of modern life. This can be done and performed by the cooperations which contain not only technology but also work force mixed with ethics, philosophy and work experience with continual updating of an serious, experience supervising.

Since 1974, YAMANLAR has been established more than 30 years in industrial and commercial construction and civil works, known as a very comprehensive and competitive name for the provision of high quality executions within European Standards.

CIVIL WORKS REFERENCES

| year | city | country | scope of projects | quantity | contractor | | | |
|---|------------------------|------------|---|-----------------------|--------------------------|--|--|--|
| 5000 m ² - 44 RESIDENCE ACCOMODATION-APARTMENT FLAT CONSTRUCTION | | | | | | | | |
| 2010-2012 | İstanbul | Turkey | Luxury residence construction including full design | 5,000 m ² | YAMANLAR | | | |
| KASHAGAN FIELD DEVELOPMENT | | | | | | | | |
| 2008-2010 | Kashagan | Kazakhstan | Fire proofing work for equipment and steel profiles | 75,000 m ² | BATEMAN / GATE / AGIP | | | |
| 2005-2006 | Kashagan | Kazakhstan | Paintshop steel construction | 8,000 m ² | YAMANLAR | | | |
| HEGZAGON | I HOUSE, HOTEL AN | D BOILER H | IOUSE CONSTRUCTION | | | | | |
| 2006- | Bayramoglu/Istanbul | Turkey | 5 Star hotel construction | 20,000 m ² | YAMANLAR | | | |
| 2006-2008 | Bayramoglu/Istanbul | Turkey | All construction | 6,000 m ² | YAMANLAR | | | |
| BUILDING | JOBS | | | | | | | |
| 1989-1990 | Icerenkoy/ Istanbul | Turkey | Apartment construction | 3,000 m ² | YAMANLAR | | | |
| SELF OLIM | PIC Swimming Pool | l Complex | | | | | | |
| 1977-1978 | Afyon | Turkey | All ceramics and construction | 1,500 m ² | YAMANLAR | | | |

OVER 70000 m² EXPERIENCE Apartments/Accomodations Villas Hotels



INSULATION WORKS

HOT AND COLD INSULATION

Especially today, besides we have lots of energy sources, it is also wise and necessity to use these generous sources efficiently and economically during production and consumption steps. Boiler and power stations where temperatures come to 600 °C or more that surface to be insulated the heat loss and the static and dynamic forces must be handled together. This can be done and performed by the cooperations which contain not only technology but also work force mixed with ethics, philosophy and work experience with continual updating of an serious, experience supervising.

Since 1974 until today YAMANLAR has been established hundreds of many industrial and commercial insulation works, known as a very comprehensive and competitive name for the provision of high quality executions within European Standards. We are proud to be the solution partner of the world leader European Companies.

MORE THAN 50 INDUSTRIAL COMPLEX OVER 3000000 m² EXPERIENCE

Hot Insulation

(Pipe lines, boiler, ducts, all kinds of equipments, inside boiler, tanks etc.)

Cold Insulation (Pipe lines, tanks, spheres, etc.)

Sound/Noise

(Turbine houses, fans etc.)

Exterior-out wall, panel covering (siding) with polyurethane and rock wool for Civil works and steel construction in industrial facilities.

| INSULATION REFERENCES | | | | | | | | |
|--|-----------------|--------------|--|-----------------------|---|--|--|--|
| year | city | country | scope of projects | quantity | contractor | | | |
| TURKMENİSTAN YOLATEN GALGINISH GAS FIELD DEVELOPMENT PROJECT | | | | | | | | |
| 2014- Continiue | Yolaten -Mary | Turkmenistan | Thermal Insulation Works | 25,000 m ² | Perofac/Turkmengas | | | |
| TURKMENİSTAN YOLATEN GALGINISH GAS FIELD DEVELOPMENT PROJECT | | | | | | | | |
| 2013-2014 | Yolaten -Mary | Turkmenistan | Thermal Insulation Works | 40,000 m ² | CCGI/Petrofac | | | |
| ADANA ERZ | ZIN CCGT | | | | | | | |
| 2013-Cont. | Adana Erzin | Turkey | Thermal Insulation Works and painting on piping and equipments | 80,000 m ² | Gama Power/ Egemer Elektrik Üretim A.Ş | | | |
| IZMIT TÜP | RAŞ RUP PROJECT | | | | | | | |
| 2013-Cont. | Izmit | Turkey | Thermal Insulation Works and painting on pipe and eq. | 75,000 m ² | TEKFEN Cons./TR/Tüpraş | | | |



| year | city | country | scope of projects | quantity | contractor |
|-----------|-------------------|---------------------|---|------------------------|----------------------|
| GEBZE NA | TURAL GAS ACC PO | WER PLANT | | | |
| 2013-2014 | Dilovasi Gebze | Turkey | Acoustic Insulation Works | 7,500 m ² | Spig |
| GEBZE NA | TURAL GAS ACC PO | WER PLANT | | | |
| 2012-2014 | Dilovasi Gebze | Turkey | Thermal Insulation Works | 9,500 m ² | Yeni Enerji /Ansaldo |
| LUNEN CO | OAL FIRE POWER PL | ANT | | | |
| 2011-2012 | Lunen | Germany | YAMANLAR Worked with Yamanlar Germany GmbH partial prefabrication, erection and scaffolding services, Insulation works without material | 13,500 m ² | ARGE / IHI |
| BANDIRM | A CCPP PROJECT | | | | |
| 2010-2011 | Bandirma | Turkey | CCPP Insulation works | 31,000 m ² | Enerjisa/Atech |
| KASHAGA | N FIELD DEVELOPM | IENT EXPERIME | INTAL PROJECT | | |
| 2006-2012 | Kashagan | Kazakhstan | Insulation works | 230,000 m ² | GATE / BATEMAN/ AGIP |
| 2011 | Kashagan | Kazakhstan | Pipe Heat Insulation works | 7,000 m2 | CCC |
| 2006 | Kashagan | Kazakhstan | Insulation works | 15,000 m ² | BATEMAN / AGIP |
| KIRIKKAL | E TUPRAS REFINER | Y CCR-DHP PR | OJECT | | |
| 2006 | Kırıkkale | Turkey | Complete Pipe and Equipment insulation with all material | 31,000 m ² | GAMA |
| ΒΟΤΑŞ ΜΑ | ARMARA EREGLI LN | G ONSHORE FA | CILITIES PROJECT | | |
| 2006 | İstanbul | Turkey | CYROGENIC & COLD complete insulation w/material | 2,500 m ² | BOTAŞ |
| BTC (BAK | U TIBLISI CEYHAN) | CRUID PETRO | LEUM PIPE LINE PROJECT | | |
| 2005-2006 | Turkey Section | Turkey | Complete Above Ground Pipe and Equipment insulation | 5,000 m ² | BOTAŞ |
| TURMENB | ASHI REFINERY DI | ESEL HYDRO TI | REATMENT PROJECT | | |
| 2004-2005 | Turkmenbashi | Turkmenistan | Complete Pipe and Equipment insulation | 30,000 m ² | GAMA-TECHNIP |
| TEDJEN A | MONIUM CARBAMI | FUREA FACTOR | ΥY | | |
| 2004-2005 | Tedjen | Turkmenistan | Complete Pipe and Equipment insulation with all material | 30,000 m ² | ÇALIK-GAP |
| 2004-2005 | Tedjen | Turkmenistan | Complete Cold Pipe and Equipment insulation | 3,800 m ² | ÇALIK-GAP |
| KELETA C | EMENT FACTORY | | | | |
| 2004-2005 | Keleta | Turkmenistan | Complete Pipe and Equipment insulation with all material | 10,000 m ² | ÇALIK-GAP |
| ALIAGA P | ETROLEUM REFINE | RY | | | |
| 2004-2005 | Aliaga-Izmir | Turkey | Tank insulation | 486 m ² | PETKIM |
| 2004-2005 | Aliaga-Izmir | Turkey | Pipe insulation (Hot, Cold and Acoustic) | 26,000 m ² | PETKIM |
| 2004-2005 | Aliaga-Izmir | Turkey | Equipment insulation (Hot and cold) | 5,865 m ² | PETKIM |



| INSUL | ATION REFER | RENCES | | | |
|------------|------------------------|-----------------------|---|------------------------|----------------------|
| year | city | country | scope of projects | quantity | contractor |
| 2003-2004 | Malıköy/Ankara | Turkey | Hot insulation with material | 8,500 m ² | VA-TECH / Austria CM |
| MELLITAH | -WAFA GAS COMPRE | SSOR STATIO | N | | |
| 2003-2004 | Mellitah | Libia | Hot insulation with material | 15,000 m ² | GAMA-TECHNIP |
| 2003-2004 | Mellitah | Libia | Cold insulation with material | 45,000 m ² | GAMA-TECHNIP |
| AFSIN-ELE | SISTAN THERMOELE | CTRIC POWER | PLANT B UNIT 1-2-3-4. BOILERS | | |
| 2002-2005 | Afsin Kahramanmaras | Turkey | Deadroom prefabrication and complete insulation | 400,000 m ² | GAMA-TEKFEN TOKAR |
| SUGOZU T | HERMOELECTRIC PC | WER PLANT 1 | -2 UNITS | | |
| 2002 -2003 | Yumurtalik Iskenderun | Turkey | Deadroom prefabrication and complete insulation | 120,000 m ² | GAMA-TEKFEN |
| TURKMENI | BASHI LUBE-OIL REI | FINERY | | | |
| 2000-2001 | Turkmenbashi | Turkmenistan | Complete insulation with material | 68,000 m ² | GAMA-CHIYODA |
| TUPRAS IZ | MIR REFINERY CCR | AND ISO PRO | JECTS | | |
| 2000-2001 | Izmir | Turkey | Complete insulation with material | 100,000 m ² | GAMA |
| ESENYURT | COMBINED CYCLE | POWER PLANT | (CCPP) | | |
| 2000-2001 | Esenyurt/Istanbul | Turkey | Boiler inner special design insulation and modification | 3,000 m ² | YAMANLAR-BSB |
| TURKMEN | BASHI REFINERY MS | SCC PROJECT | | | |
| 1999 | Turkmenbashi | Turkmenistan | Complete insulation with material | 24,000 m ² | GAMA-TECHNIP |
| KANGAL P | OWER PLANT B UNI | Г | | | |
| 1999-2000 | Kangal/Sivas | Turkey | Complete insulation with material | 88,000 m ² | GAMA |
| TURKMENI | BASHI REFINERY CC | R PROJECT | | | |
| 1998-1999 | Turkmenbashi | Turkmenistan | Complete insulation with material | 18,000 m ² | GAMA-PH |
| ESENYURT | COMBINED CYCLE | POWER PLANT | (CCPP) | | |
| 1998-1999 | Esenyurt/Istanbul | Turkey | Complete insulation with material | 20,000 m ² | TOKAR |
| MARMARA | EREGLI COMBINED | CYCLE POWER | PLANT (CCPP) | | |
| 1998 | Marmara E./Tekirdag | Turkey | Complete insulation with material | 22,000 m ² | GAMA-SIEMENS |
| ILUNESKI | LNG REFINERY | | · | | |
| 1996-1997 | Iluneski | Russia | Cold insulation with material | 4,800 m ² | GAMA |
| BUHARA R | EFINERY | | | , , | |
| 1996-1997 | Buhara | Uzbekistan | Cold insulation with material | 7,800 m ² | GAMA-TECHNIP |
| 1996-1997 | Buhara | Uzbekistan | Hot insulation with material | 88,000 m ² | GAMA-TECHNIP |
| BRATSK P | APER&CELLULOSE F | | | | |
| 1994-1996 | Bratsk/Siberia | Russian Federation | Complete insulation with material | 55,000 m² | GAMA |
| | RILIC CHEMICAL IN | DUSTRY | | | |



| INSUL | ATION REFER | ENCES | | | |
|------------------|-------------------------|---------------|-----------------------------------|------------------------------|--------------|
| year | city | country | scope of projects | quantity | contractor |
| 1993 | Yalova | Turkey | Complete insulation with material | 14,000 m ² | GAMA |
| VLADIKAU | KAS RUSSIA ARMY | BUILDINGS, H | OUSES, SOCIAL COMPLEX | | |
| 1992-1993 | Vladikaukas | Russia | Siding and insulation | 550 build | GAMA |
| BRATSK P | APER&CELLULOSE F | ACTORY | | | |
| 1992 | Bratsk/Siberia | Russian Fed. | Complete insulation with material | 19,000 m ² | GAMA |
| SOMA-B P | OWER STATION 5-6. | UNITS | | | |
| 1989-1991 | Soma/Manisa | Turkey | Complete insulation with material | 110,000 m ² | GAMA |
| CAYIRHAN | I POWER PLANT | | | | |
| 1990-1991 | Cayirhan/Ankara | Turkey | Complete insulation with material | 35,000 m ² | GAMA |
| CATALAGZ | I POWER PLANT | | | | |
| 1989-1990 | Catalagzi/ Zonguldak | Turkey | Complete insulation with material | 40,000 m ² | KUTLUTAŞ |
| BASRA RE | FINERY PIPE LINES | | | | |
| 1989 | Basra | Iraq | Complete insulation with material | 32,000 m ² | TEKFEN |
| RAMADA H | IOTEL | | | | |
| 1988-1989 | Antalya | Turkey | Complete insulation with material | 30,000 m ² | GAMA |
| SOMA-B P | OWER STATION 3-4 | UNITS | | | |
| 1989-1991 | Soma/Manisa | Turkey | Complete insulation with material | 110,000 m ² | GAMA |
| KANGAL P | OWER PLANT A UNI | Т | | | |
| 1988-1989 | Kangal/Sivas | Turkey | Complete insulation with material | 88,000 m ² | KUTLUTAŞ |
| BAIJI OIL | REFINERY | | | | |
| 1986-1987 | Baiji | Iraq | Complete insulation with material | 185,000 m ² | GAMA-TECHNIP |
| KROMSAN | CHROME INDUSTRI | AL FACILITIES | 5 | | |
| 1986 | Mersin | Turkey | Complete insulation with material | 19,000 m ² | GAMA |
| ALIAGA RI | FINERY | | | | |
| 1985-1986 | Aliaga/Izmir | Turkey | Complete insulation with material | 60,000 m ² | GAMA-TEKFEN |
| | I THERMAL POWER | PLANT 2. UNI | ſ | | |
| 1985-1986 | Iskenderun | Turkey | Complete insulation with material | 40,000 m ² | KUTLUTAS/ |
| ABU DHAB | I FUEL OIL POWER | PLANT | | | |
| 1985-1986 | Abu Dhabi | Abu Dhabi | Complete insulation with material | 58,000 m ² | GAMA |
| RIYADH C | EMENT FACTORY | | | | |
| 1985-1986 | Riyadh | Saudi Arabia | Complete insulation with material | 22,000 m ² | KUTLUTAŞ |
| BAIJI OIL | REFINERY | | | | |
| 1984-1985 | Baiji | Iraq | Complete insulation with material | 85,000 m ² | GAMA-TECHNIP |



| INSUL | ATION REF | ERENCES | | | |
|------------------|-----------------------|---------------------|-------------------------------------|------------------------------|--------------------------------|
| year | city | country | scope of projects | quantity | contractor |
| IZMIR PE | FKIM POLYETHYE | N FACTORY | | | |
| 1984-1985 | Izmir | Turkey | Cold insulation with material | 16,800 m ² | PETKIM |
| IZMIR PE | FKIM LOW CONS | ANTRATION NAP | PHTA FACILITIES | | |
| 1983 | Izmir | Turkey | Cold insulation with material | 7,200 m ² | KUTLUTAS |
| IZMIR PE | FKIM LOW CONS | NTRATION NAP | PHTA FACILITIES | | |
| 1983 | Izmir | Turkey | Cold insulation with material | 12000 m ² | GAMA |
| IZMIR PE | FKIM LOW CONS | NTRATION NAP | PHTA FACILITIES | | |
| 1983 | Izmir | Turkey | Hot insulation with material | 46,000 m ² | GAMA |
| IZMIR PE | FKIM COMPLEX S | PHERE AMONIU | M TANKS | | |
| 1982 | Izmir | Turkey | Cold insulation with material | 7,200 m ² | GAMA |
| BAIJI OIL | REFINERY | | | | |
| 1981 | Baiji | Iraq | Complete insulation with material | 135,000 m ² | GAMA-TECHNIP |
| SOMA-B P | OWER STATION | 1-2. UNİT | | | |
| 1980-1981 | Soma/Manisa | Turkey | Complete insulation with material | 110,000 m ² | GAMA / |
| CENTRUM | CENTRAL MAIN | HEATING SYSTE | Μ | | |
| 1978-1979 | Daura | Iraq | Complete insulation with material | 14,000 m ² | BOBCOCK |
| AFYON PA | PER&CELLULOSE | FACTORY HEAT | ING SYSTEM | | |
| 1978-1979 | Afyon | Turkey | Complete insulation with material | 11,000 m ² | SEKA ASSC. |
| AFYON PA | PER&CELLULOSE | FACTORY | | | |
| 1977 | Afyon | Turkey | Complete insulation with materials | 17,000 m ² | SEKA ASSC. |
| SEYITOME | R-KUTAHYA POV | VER PLANT | | | |
| 1977 | Kutahya | Turkey | Complete insulation with material | 38,000 m ² | KUTLUTAŞ |
| TUNCBILE | K-KUTAHYA POW | /ER PLANT | | | |
| 1975 | Kutahya | Turkey | Complete insulation with material | 22,000 m ² | KUTLUTAŞ |
| | EMENT FACTORY | | | | |
| 1975 | Gebze | Turkey | Complete insulation with material | 9,000 m ² | ASLAN CEMENT |
| ISKENDER | RUN FERRO/STEE | L FACTORY ELE | CTRO FILTER AND PIPE LINES | | |
| 1974 | Iskenderun | Turkey | Complete insulation with material | 32,000 m ² | ISKENDERUN IRON&STEEL ASSC. |
| ISKENDER | RUN FERRO/STEE | L FACILITIES H | EATING SYSTEM BOILER AND PIPE LINES | 5 | |
| 1974 | Iskenderun | Turkey | Complete insulation with material | 26,000 m ² | ISKENDERUN IRON CO. |
| | | | | | |



PAINTING AND SURFACE PREPARATION WORKS

The protection of metallic structures from corrosion is a highly crucial matter in industry. Coating application is the most well known method unless it is truly and correctly applied. For the long term protection not only painting application but also the correct surface preparation is important too –sand blasting, grid blasting, etc.- by viewing temperature, relative humidity, corrosivity, in the air during application, during drying and curing.

Since 1974 until today YAMANLAR has been established all kinds of industrial and commercial painting works, known as a very comprehensive and competitive name for the provision of high quality executions within European Standards with our NACE Certificated experienced personnel. We are proud to be the solution partner of the world leader European Companies.

| More than 13 INDUSTRIAL COMPLEX OVER 4,500,000 m ² EXPERIENCE (APPRX. 250,000 tons) |
|---|
| Piping cleaning and painting |
| Equipment cleaning and painting |
| Tank cleaning and painting |
| Steel structure cleaning and painting |
| Floor covering - medium and high thickness etc. |

| | PAINTIN | G AND SUR | FACE PREPARATION WORKS | | | | | | |
|--------------|-------------------------------------|-------------------|--|-------------------------------------|---|-------------------|--|--|--|
| year | city | country | scope of projects | quantity (Bare Metal Surface) | quantity (Total Surface for surface preparing and each painting layer) | contractor | | | |
| | BANDIRMA COMBINED CYCLE POWER PLANT | | | | | | | | |
| 2010 - Cont. | Bandirma | Turkey | Surface Preparing And Painting Jobs | 24,000 m ² | 96,000 m² | EENERJİSA/Atech | | | |
| | KASHAGAN | EXPERIMENT | L FIELD DEVELOPMENT PROJECT | | | | | | |
| 2006-2011 | Kashagan | Kazakhstan | Surface Preparing And Painting Jobs | 1,000,000 m ² | 4,000,000 m ² | GATE / AGIP | | | |
| | BAKU TIBL | ISI CEYHAN PE | TROLEUM PIPE LINE CEYHAN HAYDAR ALI | YEV HARBOUR SH | IP LOADING JETTY | | | | |
| 2008-2009 | Yumurtalik | Turkey | 6" Jetty Fire Fightinhg Foam Line Surface Preparing And Painting Jobs | 2,000 m ² | 8,000 m ² | BP/BOTAŞ INTL. | | | |
| | ANKARA / | TÜRKİYE | | | | | | | |
| 2006-2009 | Ankara | Turkey | 1500 ton per month pipe spool, steel structure and plate Surface Preparing And Painting Jobs | 1,500,000 m ² | 4,500,000 m² | GAMA / YAMANLAR | | | |
| | TECEN URE | & AMONIUM P | LANT PROJECT | | | | | | |
| 2004-2005 | Tedjen | Turkmenistan | Surface Preparing And Painting Jobs | 302,000 m ² | 1,208,000 m ² | ÇALIK HOLDING-GAP | | | |



| | ALIAGA RE | FINERY | | | | | | |
|-----------|--|--------------|--|------------------------|-----------------------------|--------------|--|--|
| 2004-2005 | Aliaga-Izmir | Turkey | Tank Surface Preparing And Painting Jobs | 447 m ² | 1,788 m ² | PETKIM | | |
| | ANKARA COMBINED CYCLE POWER PLANT (CCPP) | | | | | | | |
| 2003-2004 | Malikoy/Ankara | Turkey | Surface Preparing And Painting Jobs | 25,000 m ² | 100,000 m ² | VA-TECH | | |
| | TURKMENB | ASI LUBE OIL | REFINERY | | | | | |
| 2000-2001 | Turkmenbasi | Turkmenistan | Surface Preparing And Painting Jobs | 150,000 m ² | 600,000 m ² | GAMA/PH | | |
| | TURKMENB | ASI PETROLEU | M REFINERY MSCC PROJECT | | | | | |
| 1999-1999 | Turkmenbasi | Turkmenistan | Surface Preparing And Painting Jobs | 60,000 m ² | 240,000 m ² | GAMA/TECHNIP | | |
| | TURKMENB | ASI PETROLEU | JM REFINERY CCR PROJECT | | | | | |
| 1998-1999 | Turkmenbasi | Turkmenistan | Surface Preparing And Painting Jobs | 40,000 m ² | 160,000 m ² | GAMA/CHIYODA | | |
| | BUHARA RE | FINERY | | | | | | |
| 1996-1997 | Buhara | Uzbekistan | Surface Preparing And Painting Jobs | 215,000 m ² | 860,000 m ² | GAMA/TECHNIP | | |
| | SOMA-B TH | ERMAL POWER | PLANT 5th and 6th UNITS | | | | | |
| 1989-1991 | Soma/Manisa | Turkey | Surface Preparing And Painting Jobs | 700,000 m ² | 2,800,000 m ² | GAMA | | |
| | BAIJI OIL F | REFINERY | | | | | | |
| 1986-1987 | Baiji | Irak | Surface Preparing And Painting Jobs | 365,000 m ² | 1,460,000 m ² | GAMA/TECHNIP | | |
| | ALIAGA RE | FINERY | | | | | | |
| 1985-1986 | Aliaga/Izmir | Turkey | Surface Preparing And Painting Jobs | 150,000 m ² | 600,000 m ² | GAMA/TEKFEN | | |
| | BAIJI OIL F | REFINERY | | | | | | |
| 1984-1985 | Baiji | Iraq | Surface Preparing And Painting Jobs | 135,000 m ² | 540,000 m ² | GAMA/TECHNIP | | |
| | BAIJI OIL F | REFINERY | | | | | | |
| 1981 | Baiji | Iraq | Surface Preparing And Painting Jobs | 285,000 m ² | 1,140,000 m ² | GAMA/TECHNIP | | |



ELECTRICAL AND INSTRUMENTATION WORKS

All kinds of electrical (cabling, equipment installation, heat tracing), instrumentation and calibration works are to be executed industrial facilities and living areas since 1974 until today, YAMANLAR has been established more than 20 years in industrial and commercial, known as a very compherensive and competitive name for the provision of high quality executions within European Standarts.

3 REFINERY COMPLETE ELECTRICAL/INSTRUMENTATION WORK EXPERIENCE

| Cabling | | | | |
|--------------------------------|--|--|--|--|
| Power system installations | | | | |
| Heat tracing | | | | |
| Instrument device installation | | | | |
| Calibration | | | | |
| Illumination | | | | |

| ELECTRICAL AND INSTRUMENTATION WORKS REFERENCES | | | | | | |
|---|----------------|--------------|---|---------------------------|------------------------------------|--|
| year | city | country | scope of projects | quantity | contractor | |
| BANDIRMA CCPP PROJECT | | | | | | |
| 2010 | Bandirma | Turkey | Heat Tracing, tray installation and electrical works | | Enerjisa/Atech | |
| KASHAGAN FIELD DEVELOPMENT | | | | | | |
| 2010 | Kashagan | Kazakhstan | Heat tracing cable installation including all power connections | 70,000 m | GATE / AGIP | |
| 2009-2010 | Kashagan | Kazakhstan | Complete electrical works (10 buildings) | 15,000 m ² | BATEMAN / GATE / AGIP | |
| 2005-2006 | Kashagan | Kazakhstan | Paintshop electricity, cabling, lightening and DCC | 8,000 m ² | GATE / AGIP | |
| ANKARA COMBINED CYCLE POWER PLANT (CCPP) | | | | | | |
| 2003-2004 | Malıköy/Ankara | Turkey | Electricity – Heat tracing jobs | 6,500 meters | VA-TECH/NOSKE KAESER / WAGA/VAM | |
| TURKMENBASHI REFINERY MSCC PROJECT | | | | | | |
| 1999 | Turkmenbashi | Turkmenistan | All instrumentation and calibration jobs | All system | GAMA/TECHNIP | |
| TURKMENBASHI REFINERY CCR PROJECT | | | | | | |
| 1998-1999 | Turkmenbashi | Turkmenistan | All instrumentation and calibration jobs | All system | GAMA/CHIYODA | |
| ALIAGA REFINERY | | | | | | |
| 1986-1987 | Aliaga/Izmir | Turkey | Instrumentation and calibration jobs | All instrumentation works | GAMA | |



SPECIAL WORKS

Just tell us what you want and what you imagine to make it true like 5 star hotel, light bulb production facility, gasoline station, bus terminal, high temperature inside boiler insulation and steel construction both design and erection works or special climated enclosures. etc.

JUST TELL US WHAT YOU NEED!

All kinds of large scale scaffolding works

All kinds of facility design, feasibility studies, construction and project drawings etc.

SPECIAL WORKS REFERENCES city country scope of projects year quantity contractor **KASHAGAN FIELD DEVELOPMENT** 200,000 BATEMAN / GATE / 2007-2011 Kazakhstan Complete Scaffolding works Kashagan m² AGIP ANKARA COMBINED CYCLE POWER PLANT (C.C.P.P.) Proses equipments enclosures design, structure, 2004 CMI Malikoy/Ankara construction, prefabrication, erection, heating, 1,500 m² Turkey ventilation and siding jobs **AFSIN-ELBISTAN POWER PLANT** Superheat Deadrooms Steel structure, Girder and Afsin GAMA/TEKFEN 2002-2005 Turkey 2,000 m² Insulation designing, prefabrication and erection jobs. Kahramanmaras TOKAR SUGOZU POWER PLANT 1-2. UNIT (DEAD ROOMS) 2002-Superheat deadrooms steel structure, girder and Yumurtalik 600 m² GAMA/TEKFEN Turkey insulation designing, prefabrication and erection jobs. 2003 Iskenderun ESENYURT COMBINED CYCLE POWER PLANT (C.C.P.P.) Boiler iner insulation modification and erection 2000-2001 Esenyurt/Istanbul Turkey 3,000 m² YAMANLAR-BSB