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Armada Engineering Ltd., in 2005 in Kiev / Ukraine. Armada Engineering Ltd., has acquired Alermek Ltd., in 2007 in Ukraine. From 2007, Alermek Ltd., carries out installations of mechanical, electrical, automation and instrumentation systems of various types. All installation procedures are conducted under the supervision of international and local control groups throughout the entire project durations. Armada Engineering Ltd., is a company specialized particularly in design and installation of electrical and electromechanical systems of buildings like industrial facilities, business and shopping centers, hospitals and hotels. Armada Engineering Ltd., is now working only infrastructure of electrical and mechanical systems and Transformer Substations.

Alermek Ltd., has been established in Turkey also that working as project management, project design and installation electromechanical systems in 2015.

Nowadays, Alermek Ltd. Turkey, has been focused on designing and drawing all kind of electrical and mechanical projects.

At 2017, Alermek Turkey Ltd., has been agreed to design and draw all of the electrical and mechanical projects of ERMACO Company.

Project Design and Drawing of below listed sectors;

ELECTRICAL

- *Lighting & Power System*
- *Generator & UPS SYSTEM*
- *Grounding & Lightning systems*
- *Fire Alarm Systems*
- *Telephone & DATA Systems*
- *CCTV & Security Systems*
- *Public Address Systems*
- *TV-Antenna Systems*
- *Power & Control System*
- *Building & Factory Automation Systems*

MECHANICAL

- *HVAC System*
- *Plumbing Systems*
- *Natural Gas System*
- *Waste-Water & Spring Water*
- *Smoke exhaust & Fire fighting*
- *Rain Water*
- *Drainage*

INFRASTRUCTURAL

- *Technological Plant Equipment Installation*
- *Transformer Substation & Switching System*
- *Low & Middle Voltage Electrical Distribution*
- *PE, GRE, GRP, HDPE, PVC & Steel Pipes*

STERILE AREAS

- *Operation Theatres*
- *Hybrid Operation Theatres*
- *Intensive Care Units (ICU)*
- *Neonatal ICU*
- *BSL III and BSL II Laboratories*
- *Burn Diseases Centers*
- *Sterilization Units*
- *Pathology Laboratories*
- *Bone Marrow Units*
- *Genetic Laboratories*

OUR REFERENCES



Istanbul-Turkey, Fitness Center "GYMOTION"

Area : 1 700 m²

Duration : 05.01.2017-15.03.2017

Contractor : REGANS

- Design and commissioning works of all the mechanical systems
- HVAC, fancoil system, cold water and waste water system, waste water & spring water system, smoke exhaust & fire fighting,
- Testing



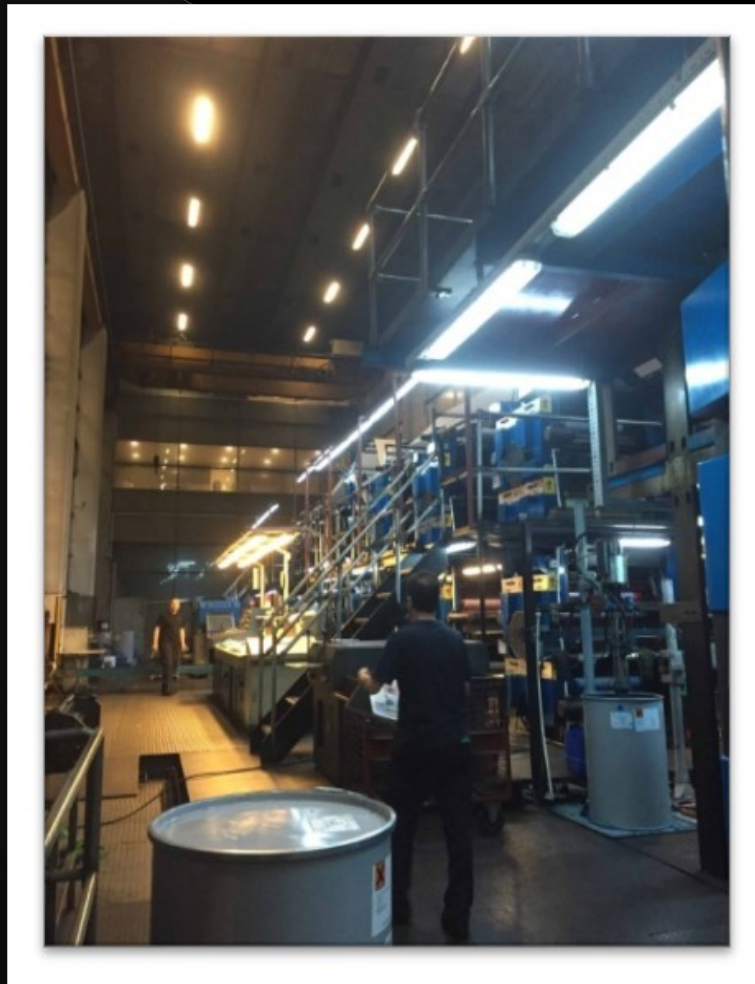
Istanbul-Turkey, Shopping Mall "CAROUSEL"

Area : 39 500 m²

Duration : 20.10.2015-08.05.2016

Contractor : Skala Mekanik

- Redesign, reinstallation, quality control and commissioning works of all the mechanical systems
- HVAC, fancoil system, cold water and waste water system, waste water & spring water system, smoke exhaust & fire fighting, installation of heating center
- Testing



Istanbul-Turkey, Media Center “ESMEDYA”

Area : 35 500 m2

Duration : 20.11.2015-08.10.2016

Contractor : DK Construction

- Redesign, reinstallation, quality control and commissioning works of all the mechanical systems
- HVAC, fancoil system, cold water and waste water system, waste water & spring water system, smoke exhaust & fire fighting, installation of heating center
- Testing



Lvov-Ukraine, Terranova Shopping

Area : 980 m²

Duration : 22.08.2010-20.11.2010

Contractor : Teddy-Terranova

- Lighting & power system, cable trays, telephone & DATA System , CCTV & security system, installation power & distributions panels
- HVAC, fancoil system, cold water and waste water system, waste water & spring water system, smoke exhaust & fire fighting
- Gybsonboard, marble-granit-ceramic tile flooring, painting, wooden works
- Testing



Lvov-Ukraine, Marks & Spencer Shopping

Area : 1 074 m²

Duration : 25.08.2010-10.10.2010

Contractor : Marks & Spencer

- Lighting & power system, cable trays, telephone & DATA System , CCTV & security system, installation power & distributions panels
- HVAC, fancoil system, cold water and waste water system, waste water & spring water system, smoke exhaust & fire fighting
- Gybsonboard, marble-granit-ceramic tile flooring, painting, wooden works
- Testing



Ordzhinikidze-Ukraine, P & G Detergent Fabric

Area : 100 000 m²

Duration : 12.02.2008-25.04.2011

Contractor : Procter & Gamble

- Lighting & power system, cable trays, grounding & lightning system, telephone & DATA system, 10/0,4kV Transformer substation & switching system, accumulator system, testing
- Air conditioning, ventilation systems, feeding liquid pipes
- Metal constructions



Kiev-Ukraine, P & G Hygiene Pad Fabric

Area : 3 500 m²

Duration : 22.05.2005-12.02.2006

Contractor : Procter & Gamble

- Lighting & power system, cable trays, grounding & lightning system,
- Telephone & DATA system,
- 10/0,4kV Transformer substation & switching system,
- Testing



Kharkov-Ukraine, Ave Plaza Business & Shopping Centre

Area : 23 400 m²

Duration : 05.06.2006-12.04.2010

Contractor : URALBUD

- Lighting & power system, cable trays, telephone & DATA System , CCTV & security system, installation power & distributions panels, 10/0,4kV Transformer substation & switching system, installation 2500A busbar
- HVAC, fancoil system, cold water and waste water system, waste water & spring water system, smoke exhaust & fire fighting
- Gybsonboard, metal construction, granit & glass façade, painting, wooden works,
- Testing



Kiev-Ukraine, Piramida Shopping Centre

Area : 9 000 m²

Duration : 09.10.2008-14.02.2009

Contractor : UNIVERSAL STAR

- Lighting & power system, cable trays, telephone & DATA System , CCTV & security system, installation power & distributions panels, installation 250-400A busbar
- Air conditioning, ventilation systems, fancoil system, cold water and waste water system
- Testing



Dnestrovsk,Belgorod-Ukraine, Mittal-Arcelor Metal Fabric

Area : 12 000 m²

Duration : 09.05.2008-15.01.2009

Contractor : MITTAL ARCELOR

- Lighting & power system, cable trays, telephone & DATA System , CCTV & security system, installation power & distributions panels, 10/0,4kV Transformer substation & switching system installation,
- Testing



Chernovtsi-Ukraine, Public Houses

Area : 33 500 m²

Duration : 14.06.2008-10.02.2009

Contractor : Özar Yapı A. Ş.

- Lighting & power system, cable trays, telephone & DATA System , CCTV & security system, installation power & distributions panels, 10/0,4kV Transformer substation & switching system installation,
- Testing



Zaporozhe-Ukraine, Wastewater Treatment Facility

Area : 175 000 m²

Duration : 09.11.2006-22.01.2008

Contractor : Doğu İnşaat

- Lighting & power system, cable trays, telephone & DATA system , CCTV & security system, installation power & distributions panels, 10/0,4kV Transformer substation & switching system installation, installation 10kV cable in the ground
- Air conditioning, Ventilation Systems, installing HDPE, PE & Steel Pipes up to 2020 mm
- Metal constructions and pump substation concrete
- Testing



Kiev-Ukraine, Hotel Intercontinental

Area : 38 000 m²

Duration : 27.12.2006-15.11.2008

Contractor : Masterbud

- Lighting & power system, cable trays, telephone & DATA system , CCTV & security system, installation power & distributions panels, 10/0,4kV Transformer substation & switching system, installation 2000A busbar,
- Testing



Kiev-Ukraine, Euro Credit Bank Head Office

Area : 1 300 m²

Duration : 06.09.2007-24.12.2007

Contractor : Databud

- Lighting & power system, cable trays, telephone & DATA system , CCTV & security system, installation power & distributions panels
- Air conditioning, ventilation systems, fancoil system , cold water and waste water system
- Testing



Kiev-Ukraine, Cracker Manufacturing

Area : 10 500 m²

Duration : 24.12.2005-12.06.2006

Contractor : KBF Ülker

- Lighting & power system, cable trays, grounding & lightning system, telephone & DATA system, 10/0,4kV Transformer substation & switching system
- Air conditioning, ventilation systems, cold water and waste water system
- Testing

STERIL AREAS REFERENCES



Istanbul – Turkey, Acıbadem Health Group Genetic Laboratory

Contractor : Beyaz Teknik Construction Ltd.

Owner : Acıbadem Health Group

- Hygienic Panel System (Viessmann Technologies)
- HVAC System (Weiss GmbH)
- Automation (Tridium Niagara)
- Laminar Flow Hoods (GWE)
- HEPA Filtration (GEA Delbag)
- Active and Passive Passboxes (Viessmann Technologies)
- Testing
- Commissioning
- Validation



Istanbul – Turkey, Cerrahpaşa University Neonatal ICU

Contractor : Beyaz Teknik Construction Ltd.

Owner : Cerrahpaşa University

- HVAC System (Weiss GmbH)
- Automation (Tridium Niagara)
- HEPA Filtration (GEA Delbag)
- Testing
- Commissioning
- Validation



Bursa – Turkey, Uludağ University Operation Theatres

Contractor : Beyaz Teknik Construction Ltd.

Owner : Uludağ University

- Hygienic Panel System (Viessmann Technologies)
- HVAC System (Weiss GmbH)
- Automation (Tridium Niagara)
- Laminar Flow Units (Weiss GmbH)
- HEPA Filtration (GEA Delbag)
- Testing
- Commissioning
- Validation



Afyonkarahisar – Turkey, Çay State Hospital (75 Beds)

Contractor : Beyaz Teknik Construction Ltd.

Owner : TOKI and Health Ministry

- HVAC System (Weiss GmbH)
- Automation (Tridium Niagara)
- Laminar Flow Units (Weiss GmbH)
- HEPA Filtration (GEA Delbag)
- Testing
- Commissioning
- Validation



Konya – Turkey, Meram University Operation Theatres

Contractor : Beyaz Teknik Construction Ltd.

Owner : Health Ministry

- HVAC System (Weiss GmbH)
- Automation (Tridium Niagara)
- Laminar Flow Units (Weiss GmbH)
- HEPA Filtration (GEA Delbag)
- Testing
- Commissioning
- Validation



Istanbul – Turkey, Yeditepe University Operation Theatres

Contractor : Beyaz Teknik Construction Ltd.

Owner : Yeditepe University Foundation

- HVAC System (Weiss GmbH)
- Automation (Tridium Niagara)
- Laminar Flow Units (Weiss GmbH)
- HEPA Filtration (GEA Delbag)
- Testing
- Commissioning
- Validation



Sivas – Turkey, Cumhuriyet University Operation Theatres

Contractor : Beyaz Teknik Construction Ltd.

Owner : Cumhuriyet University

- HVAC System (Weiss GmbH)
- Automation (Tridium Niagara)
- Laminar Flow Units (Weiss GmbH)
- HEPA Filtration (GEA Delbag)
- Testing
- Commissioning
- Validation



Istanbul – Turkey, Acıbadem Maslak Operation Theatres

Contractor : Beyaz Teknik Construction Ltd.

Owner : Acıbadem Health Group

- Laminar Flow Units (Weiss GmbH)
- HEPA Filtration (GEA Delbag)
- Media Bridge System (Modul Technik)
- Commissioning



Batman – Turkey, State Hospital Burn Disease Centre

Contractor : Beyaz Teknik Construction Ltd.

Owner : Health Ministry

- HVAC System (Weiss GmbH)
- Automation (Tridium Niagara)
- Special Instrumentation (USA)
- HEPA Filtration (GEA Delbag)
- Testing
- Commissioning
- Validation



Silivri – Turkey, Radiopharmasotic Medicine Production Facility

Contractor : Beyaz Teknik Construction Ltd.

Owner : Medichcek

- HVAC System (Weiss GmbH)
- Automation (Tridium Niagara)
- Special Instrumentation (Italia)
- HEPA Filtration (GEA Delbag)
- Testing
- Commissioning
- Validation



Trabzon – Turkey, State Bone Diseases Hospital

Contractor : Beyaz Teknik Construction Ltd.

Owner : Health Ministry

- Hygienic Panel System (Viessmann Technologies)
- HVAC System (Weiss GmbH)
- Automation (Tridium Niagara)
- Laminar Flow Hoods (GWE)
- HEPA Filtration (GEA Delbag)
- Testing
- Commissioning
- Validation



Ankara – Turkey, Etlik Veterinary Rabies Lab. BSL III and BSL II

Contractor : Beyaz Teknik Construction Ltd.

Owner : European Community Fund

- Hygienic Panel System (Viessmann Technologies)
- HVAC System (Weiss GmbH)
- Automation (Tridium Niagara)
- Laminar Flow Hoods (BDK)
- Active and Passive Passboxes (Viessmann Technologies)
- HEPA Filtration (GEA Delbag)
- Testing
- Commissioning
- Validation

DESIGN & DRAWING REFERENCES

MECHANICAL PROJECTS

Services ;

- HVAC Systems Design
- Heating And Natural Gas Systems Design
- Plumbing Systems Design
- Compressed Air System Design
- Fire Extinguishing Systems Design
- Fire Detection And Alarm Systems Design
- Fire Strategy Report
- Tender Documents
- Mechanical Boq
- Technical Due Diligence
- Final Progress Payment Control

Projects ;

- ✓ AEP Fruit Processing and S. D. Facility
- ✓ Cimtav Akpınar Factory
- ✓ Crown Plaza Pangalti
- ✓ Dogan Apartments
- ✓ ITU Vocational High School
- ✓ Mardin AVM & Residence

- ✓ RMK Marine Closed Block Workshop
- ✓ RMK Marine Pre-Production Workshop
- ✓ RMK Marine Öyster Hangar
- ✓ Tunalar Trade Center
- ✓ Yeditepe Residence
- ✓ Arima Acibadem
- ✓ Artaş Atakent 4B
- ✓ Balaklava Residence
- ✓ Ercan Plastic
- ✓ Gültepe Business Center
- ✓ Haydarpaşa KRBN Room
- ✓ İlimkent Building Project
- ✓ ITO BTM
- ✓ Kars Girls Dormitory
- ✓ Mesa Galaxy Sales Office
- ✓ Nurol Zekeriyaköy 907
- ✓ Nurol Zekeriyaköy 914
- ✓ Pegasus Warehouse
- ✓ Contact Pendik directly
- ✓ RMK Marine Skid Building
- ✓ Challenging L199
- ✓ Gayrettepe Office
- ✓ Ray Insurance G. Mer.
- ✓ Pegasus Headquarters
- ✓ Darüşşafaka Society and SEV Foundation
- ✓ Ünalın Science Center
- ✓ Üsküdar Municipality Service Building

ELECTRICAL PROJECTS

Services ;

- Designing
- Drawing
- BOQ

Projects ;

- ✓ Viraistanbul House Project (96 000m²) : 1156 Flats, 39 Stores
- ✓ Beylikdüzü Cultur Centre (11 640m²) : Renovation
- ✓ Gündogdy Company, New Turkmenabad Airport Fuelling System
- ✓ NAS İnşaat, Bağcılar Metropolitan Underground Car Parking (46 000m²)
- ✓ Mescioğlu Engineering, Sultangazi Alibey Hydroelectric Power Plant Public Park Street And Landscape Lighting (74 000m²)
- ✓ DENUO Dizayn, Sarıyer Büyükdere Botanical Park Project : 11 Buildings And 280 000m² Landscape
- ✓ Ato Hussien Esse – SHB (6000m²) : Etiopia Hotel And Guest House
- ✓ Öpfingen-Switzerland, Villa Project

- ✓ Kiev/UKRAINE - Military Houses
- ✓ Istanbul/TURKEY - Novartis Medicine Plant Office