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📍 Zone B Street No. 8 2nd Industrial Area  
P.O. Box 5451 Riyadh 11422 SAUDI ARABIA





# PROFILE

**AL KAMILIN TRADING & CONTRACTING CO.** was established in 1980 as a General Trading And Contracting Co. mainly in the field of site development and buildings. The activities were later diverted in 1983 to the field of traffic safety supplies and installation contracts foreseeing the extraordinary-unique developments in the highways construction and maintenance all around Kingdom. This expansion envisaged by the management establishing **REDA NATIONAL CO.** proved to be worthwhile in later stage by starting the manufacture of thermoplastic paint, aluminum road studs, bituminous emulsion, two component epoxy adhesive for installation of markers, highway guardrail and Road Signs. Further diversifications are planned on the anvil.

## SERVICE PARTNER

Having some of the most modern types of imported equipment, skilled manpower, skilled manpower, quality control, supervision, etc. we can take up projects of the above nature and successfully complete it in stipulated time schedule and according to any international standards, and met any challenges in this field.

Being associated with our various department of production of paint, cat-eyes, etc. within the perimeters of our factory complex, ensures fast delivery of materials. Various projects belonging to different ministries, especially MOC, MOI, MODA, Municipalities, Hospitals, Housing Complexes, Universities, Airports, ABV Rock Group, Aramco, etc, have been successfully completed to the client's entire satisfaction.

It is also to be noted that regular visit by our technical and marketing personal to various international exhibitions; trade fair and traffic management training help us get abreast of latest development.







## AIRPORTS

**AL KAMILING** specializes in highway & Road marking, Airfield marking for airports, highlighting the works of painting and removal of the old road/ existing road markings, we have machinery to execute painting in Runway marking (line of 90 cm), machinery to execute painting of Special Lines (Apron 2 colors and 5 lines at the same time) and machinery for removal lines and runway rubber deposits (see Removal section for more information).

## ARAMCO

Thanks to our professionalism the Saudi Aramco relies on our service to execute the Road Marking of its various facilities. The quality and workmanship as well as strict compliance of safety procedures & PPE (Personal Protection Equipment), we serve Aramco, SEC, Riyadh Metro, etc. by making the working environment safe and secure for both workers and ongoing traffic

## HIGHWAYS & ROADS

Highways are essential national assets for the development of economic activity. Most KSA journeys are by road. For this reason, an adequate conservation of the same is basic to obtain the expected profitability of infrastructures to which have been allocated large economic resources for its construction.

Data of interest: El Kamilin has an annual average of 2,500,000 m<sup>2</sup> of road marking.

## CITY

Several Municipalities, Metro-Politan Cities and Towns have been covered by us. Our availability, quality and speed of execution of the works, is what has allowed us to be always at the top of the competitors in the sector.

The presence of the company in this sector is not limited only to the application of road markings on the roads, but also places special emphasis on the implementation in the market of long-term maintenance contracts for cities such as Riyadh, Jeddah, Qassim and Dammam.



## AIRPORT MARKING & RUBBER REMOVAL

Rubber removal, platform cleaning, surface re-texturing, removal of existing markings on runways, taxiways, highways & platforms. The system used is high pressure water, without using any chemicals. We use machines of latest generation and operated by highly qualified personnel.

Our specially custom made high-pressure water blasting vehicle is equipped with a pump which has a delivery of 45,4 l/min at a variable pressure of between 0 and 2.750 bar. Depending on the thickness of the rubber deposit, water consumption ranges from approximately two to four liters per square meter. However, the system does not cause any damage to the Runway or Road Surface.

The rubber is removed by a cleaning unit mounted at the front of the vehicle. The hydraulically-powered nozzle bar cleans over a working width of about 1.20 m.

This has the advantage of an outstandingly high performance in terms of square meters per hour (2200 m<sup>2</sup>), which results in extremely fast job times.

The waste water suction is entirely captive within the vacuum. This means that no waste water contaminated with rubber is left behind, and we can clear the runway within a few minutes without leaving any residue.

The speed of the cleaning machine, the water pressure and the speed of rotation of the spray bar can all be varied to match the different removal rates from concrete or asphalt.

The runway lighting can be cleaned as well in a single work operation if the customer so requests. Our pricing not only includes waste water treatment but also any second cleaning operation which might be necessary.

Depending on the thickness of the deposit, the net cleaning performance is in the range of 1,000 to 1800 m<sup>2</sup> per hour on asphalt and concrete surfaces; only water is used, without chemical additives of any kind. We use special, hydrostatically-driven combined tank and suction vehicles to ensure continuous operation on the runway.

### **Advantages of use high pressure water for the airport:**

- Rubber removal rates up to 1800 m<sup>2</sup>/h on asphalt and concrete runways.
- Rapid cleaning and rejuvenation of runway center line marking retro-reflectivity reduces dramatically the frequency of center line painting.
- Runway re-texturing in extreme hot climates where friction is lost because of asphalt bleeding.
- Simultaneous vacuum recovery allows for immediate emergency landings during the removal process.
- The machine will shut down and vacate the runway in 1-2 minutes.







## ROADS MARKING REMOVAL

Since the removal of markings is a totally different process to the removal of rubber.

The cleaning unit has a maximum working width of 0.80 cm. The cleaning performance on asphalt and concrete surfaces is at a least 80- 180 m<sup>2</sup> per hour net per vehicle, depending on the thickness of the marking.

Expansion joints and grooving are not damaged by the removal of markings, and lighting is circumvented.

## CERAMIC & ROAD STUDS

In **AL KAMILIN** employs well qualified personnel for the supply and installation of the ceramic markers and road studs to delimit, warn and show the lane and road especially in night time or during sand storm or rain. We also supply and install Glass Studs Reflectors, Solar Powered Products and Warning devices.

The installation of the products of our sister concerns such as Reflective Road Signs, W-Beam Metal Guard Rail, Crash Cushions at Gore areas, Automatic Railway Cross controls are also part of our activities.

## CERTIFICATES

We received the best quality certificates from Government and Private Companies. They are recommending us to other parties based on our quality, performance and workmanship.