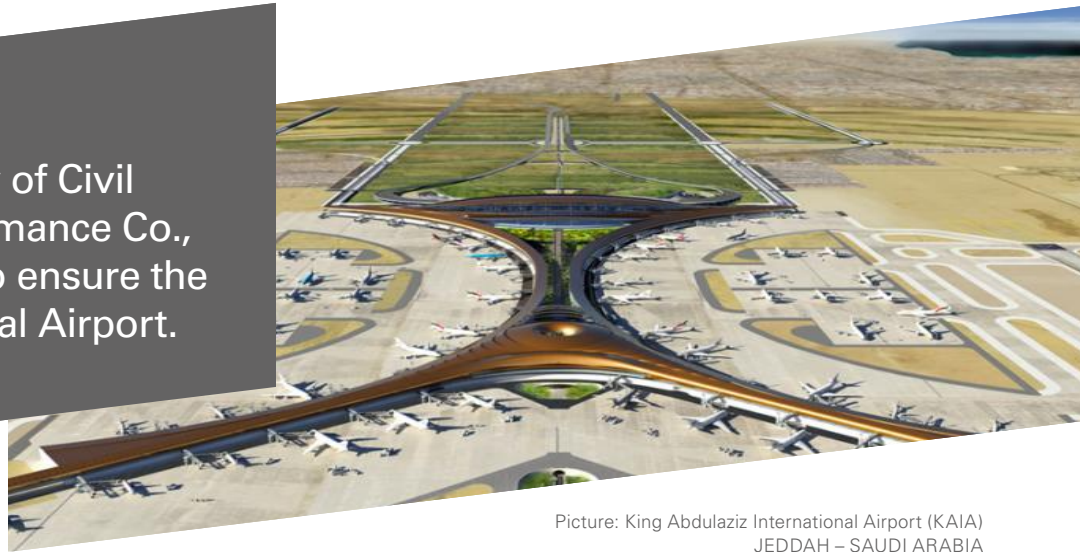




EJ, the General Authority of Civil Aviation and Peak Performance Co., a winning combination to ensure the security of an International Airport.



Picture: King Abdulaziz International Airport (KAIA)  
JEDDAH – SAUDI ARABIA

### Client

King Abdulaziz International Airport (KAIA)

### Location

Jeddah - Saudi Arabia

### Products

Hinged Hatch F 900 & 900 kN  
ERMATIC® Range 900 kN  
FF4S 400 kN

The GACA (General Authority of Civil Aviation) and Dar Al-Handasah from Dar Group have put their trust in EJ for the specification of the Kerozene network access products, which is the fuel lines' central point of irrigation that supplies King Abdulaziz Airport's aircrafts. 112 chambers each 5 meters deep, compose the aircraft parking ramp and must be easily identifiable in order to ensure the smooth running of the airport.

### Expertise and product capabilities.

Our team is knowledgeable about local standards and cultures and can provide solutions that will satisfy the most demanding customer expectations.

85 number Hinged Hatch units were required in two different chamber openings 914 x 914 mm, F 900 and 1220 x 1220 mm, 900 kN.

36 number ERMATIC® products - ER9S 2140 x 900 mm, 900 kN, composed of two locked covers, hinged and equipped with a Lift Assistance provided by a corrosion-resistant stainless steel, custom designed mechanical spring strut (which renders the cover opening effort to lower or equal to 25 kg) were also required on site.

One fabricated steel, flush fit product

"Working with EJ as a team and combining our efforts led to delivering products perfect in all aspects. At all stages, from design to hand over, precisions were at every and each step. After such experience, success is no surprise".

"Maintaining the quality, cooperation and professional service will always result in peak performance achievements".

### IHAB MHANNA

Managing Director  
Peak Performance Co.

FF4S120120AVH, capable of taking a 400 kN load and with increased galvanization of 140 microns, manufactured at our fabrication facility located in Ardennes (France) was also supplied in order to meet the additional customer's request in relation to the hydraulic equipment.

To ensure the operators' safety when accessing the chambers, EJ has equipped each product with a guardrail and safety grids that prevent falls.

Request a copy of  
"Access Covers & Drainage Gratings for Airports and Ports"



EJ offered an additional service of customizing the covers with badging that indicates the identity of the network and of the airport (in English and Arabic) which is of major benefit to operators and asset managers.

## EJ specialists in Airport civil engineering projects.

Our international team, dedicated to the Airport market and supported by technical and product development teams, has coordinated the necessary support for the successful completion of the project. For a better understanding of the manufacturing and fabrication processes, EJ has invited its customers to visit the Picardie foundry and has accompanied Bureau Veritas during the inspection required for this project in the Middle East.

The expertise of EJ, proven by more than 135 years of experience in manufacturing ductile iron and in mechanical welding, as well as the involvement of our product engineers and Airport experts, and the commitment of our partner Peak Performance Co., has helped EJ create a customer oriented solution for KAIA Airport.

### ERMATIC® 900 kN

Ductile iron access covers and frames  
Locked - Hinged - Assisted opening



ERMATIC® 900 kN

### HINGED HATCH F 900 & 900 kN

Ductile iron access covers and frames  
Locked - Hinged - Assisted opening



Hinged Hatch

### FF4S 400 kN

Hot-dip galvanised steel hinged cover and frame  
Locked - Hinged - Assisted opening



Hinged Hatch



Customized cover

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