



## CASE STUDY

### LINDEN COMANSA - Signaling devices for tower cranes on offshore drilling rigs.

The best performance in extreme conditions.

Quote:

„The application is very interesting and above all challenging: once again, our products demonstrate that they can operate at their best in the most difficult environmental conditions."

Xavier Pedescoll  
Sales Area Manager  
Pfannenberg Iberia

#### The application

While an oil platform is a fixed installation for producing oil/gas, a rig is a moveable installation for drilling wells that oil/gas can (hopefully) be produced from.

On a platform there is very little space. Cranes are used for moving things around to make best use of it.

They are designed and engineered to operate in the most severe ambient conditions. When it comes to equipping the cranes with audible and visual signaling devices, safety, reliability and durability are equally high requirements.

In this project - an offshore drilling rig near Dubai - COMANSA had to equip 17 cranes with visual alarms for aircraft warning and helicopter landing plus audible alarms for emergency alert.

## The customer

Linden Comansa is a multinational company specialised in tower cranes that offers its services worldwide.

More than 50 years of experience designing, manufacturing, supplying and offering support services for tower cranes for construction, together with the trust of numerous customers worldwide, makes Comansa one of the sector's leading specialist companies.

It's range of tower cranes is one of the most complete on the market, offering a wide variety of models designed for optimal performance in any type of construction project: residential, commercial, infrastructure, industrial, mining, energy, shipyards, etc.

### QUADRO LED-HI

Extreme bright 75 cd LED light with large signaling effect, brightness adjustable.

Designed for tough requirements under industrial conditions.

Extremely insensitive to shock and vibration.



Signal for helicopter landing.

## The solution

Due to the need for high reliability in critical outdoors installations, Comansa has successfully applied **POL 32 M** as an obstacle light for aircraft warning, **QUADRO LED HI** for helicopter landing signaling and **DS 10** as an emergency sounding alarm.

Comansa chose our high quality products because of the highest level of protection for extreme conditions together with a long term agreement with Pfannenbergl ensuring warranty and worldwide support.

Our products' robustness, reliability, quality and worldwide service has been the key to success.

### DS 10

Sounder 114 dB(A)

Die-cast aluminium housing

Resistant to UV light, seawater, and many chemicals.

By means of integrated self-monitoring, regular inspection of warning devices is ensured.



Emergency sounding alarm.

## Product features

### POL 32 M

Omnidirectional LED obstacle lights, AVV-approved, compliant to ICAO.

The M version offers integrated function monitoring with potential-free fault contact.

Extremely long service life of over 50,000 hours, hence maintenance-free.



Obstacle light for aircraft warning.