

# Knockdhu Distillery, Aberdeenshire

Zone 1 and Zone 2 lighting installation



HDL 100



HDL 220

Specialist lighting for hazardous areas developed in Northumberland is helping one of Scotland's oldest distilleries comply with the very latest Health & Safety regulations and save on maintenance costs.

Inverhouse Distillers' Knockdhu Distillery near Huntly in Aberdeenshire was first opened in 1894 to produce their world famous 'anCnoc' whisky with traditional techniques and skills. Over the years the distillery has developed an uncompromising approach to safe working practices and recently approached Ashington-based Hadar Lighting, part of the A-Belco Group, for new lighting which would be compliant with Hazardous Areas Zone 1 & 2 certification and which would enhance the quality of light in the working environment. Crucially, the lighting also had to be easy to both install and be maintained by their local electrician.

Gordon Bruce, General Manager of the Knockdhu Distillery, commented, "Following a lighting audit we identified two separate parts of the facility where we needed enhanced lighting certified for hazardous areas – the main storage warehouse where Zone 2 lighting was required and which can get very cold and the distillation area which required Zone 1 lighting. Hadar's different solution to each area has been highly effective and since installing the new lights we have noticed a vast improvement in the quality of light in which our staff work creating a much more comfortable working environment."

Bill Armstrong, Hadar Lighting's UK Sales Manager, commented, "It's been a very interesting application for our Zone 1 and 2 luminaires and we're glad to have been of service to Knockdhu. We fitted HDL 220 luminaires in the storage warehouse – these are made made from corrosion resistant glass reinforced polyester and high impact polycarbonate, with stainless steel fittings which have the advantage of being able to be left for long periods of time in cold environments without any deterioration in the fitting whilst retaining their integrity for many years."

"The Zone 1 Distillation area has a very high roof due to the height of the stills which required lighting fitted in a variety of different aspects from wall mounted brackets to overhead chain mounting. Our HDL 100 Zone 1 fluorescent luminaire is perfect for this role. Its modular construction and built-in unistrut channel meant that it was easy to fit in a variety of ways without any special skills or equipment and the self contained lamp envelope enables quick and easy cleaning and lamp changes to be achieved with the minimum of fuss or disruption to the distillation process."

A-Belco Group's Hadar Lighting Division is a specialist manufacturer of hazardous area products for the oil, gas, petro-chemical, pharmaceutical and marine industries worldwide offering the design and production of products for Zone Classification Areas 1, 2, 21 & 22, Gas and Dust.

Engineering Solutions  
Design to Manufacture



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