



**TOTAL**

## case study



“Our ethos has always been to challenge the status quo, not accepting the obvious solutions but to strive to deliver the optimum lifecycle solution for our customer”.



The relationship between Lectec Services and Total UK has developed over the past 20 years, our relationship now covers all UK terminals including Road and Rail Depots.

At the Lindsey Oil Refinery we have had a site presence since the early 1990's, we have developed the relationship based on trust, integrity and determination to succeed. This now allows us to complete budgets for engineers, procure and develop good engineering practices which reduces the requirements from the Total engineers at the early stage of projects enabling them to focus on their core activities.

In addition, we are able to procure our own permits, create risk assessments and method statements with the Total requirements and liaise with the process teams to allow works to proceed with minimum disruption to both Total's process and Lectec's efficiency.

On the Road and Rail Depots we have developed a relationship which allows for the method of engineering to be developed by Lectec ready to be approved by Total.

Our team of engineers and technicians cover sites throughout the UK, Channel Islands and Isle of Man unattended. We take responsibility for engineering the work and where possible without recourse to the Total engineers.

We have built our reputation with this customer based on repeatedly delivering in all areas of electrical and instrumentation work including design, installation, inspection, commissioning and process control. Our ethos has always been to challenge the status quo, not accepting the obvious solutions but to strive to deliver the optimum lifecycle solution for our customer.



## Example projects

### Relocation & infrastructure project Lindsey Refinery

To remove existing facilities from recognised blast-zones on the refinery proper to a new offsite 'green field' location. Design, supply and install all switch gear, power, lighting, small power, heating/ventilation and fire detection systems to new engineering offices, workshops, canteen and sub station.

### Isle of Man & Guernsey

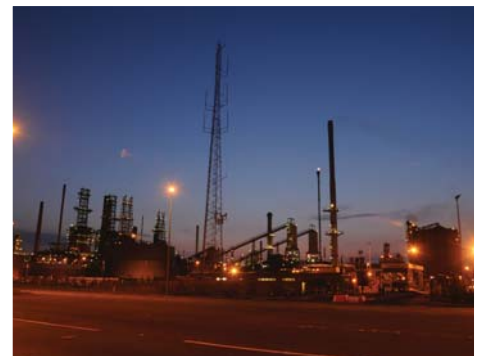
Installation of new vapour detection systems in and around the various plants. The project also involves ongoing upgrades to various road and rail facilities nationwide.

### RADS project

Supply and install all cable management systems, cabling etc for a new 'Rapid Acid Dumping System' at the HFA plant. Install all detection devices, area lighting etc. Testing, inspection and commissioning of completed installation.



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### Total Fina Elf stage 1 & 2 control room

Contracted to supply and install the extension links from the old 1 & 2 control room to the new purpose built control room. The work incorporated the installation of marshalling facilities at both locations, the installation of control cabling, glanding/terminating and the phased testing commissioning of individual circuits to completion.

### Fuel road loading facility - upgrade

Complete upgrade of existing loading facility, upgrading lighting and power systems, plc control of loading arms, metering and control system, introduction of CCTV and access control and monitoring.

