

## LOBO Application - Oil Refinery



### Background

Refineries make products including gasoline, diesel fuel, kerosene, liquefied petroleum gas (LPG) and petrochemical feedstocks.

Within the refinery, scaffolding is typically used to provide access for preventative and reactive maintenance, inspection and operational tasks. Usually, this is provided by outsourced scaffolding companies, but with rising labour costs this continues to account for an ever-increasing expense year on year for the refinery.

Regular reviews of scaffold and access requirements are made to identify safe and suitable lower-cost alternative solutions to traditional scaffolding, to reduce labour costs. However, safety remains an absolute top priority.

**The LOBO System** was identified as a product that will increase safety and reduce cost.



### Vessel Internal Work

It is estimated that as much as 75% of works within the refinery require a platform height of no more than 4 meters or 15 feet.

### Conformities

EU: BS EN1004:2004 BS 1139 partes 3 & 4

USA: Complies to OSHA CFR 29 1926 450-454 & sub part L & codified under 29 CFR 1910.27(a).

Canada: CSA Z797-09 and 269.2 (M87 and 16)

Australia: AS/NZS 1576.1:2010 and AS/NZS 1576.3:2015 Tower



### **Routine Maintenance Access**

The LOBO System can be assembled without the use of any tools in minutes, safely and in any shape or size and is not reliant on the scaffolding company to install the system and then return to remove it, after the maintenance task has been completed. Significant reductions in hire costs can therefore be achieved whilst still maintaining or improving safety.

*“A report commissioned by Shell states LOBO is up to 10 times faster than scaffolding.”*

Scaffolding costs alone at a refinery can be in the region of £300k to £1m every month and so huge benefits, by deploying the LOBO System, can be gained.

### **Conclusion - Cost Saving**

The LOBO System can be deployed for a significant number of tasks within a refinery and therefore can reduce costs greatly. The more you use LOBO - the more you save.

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### Cost Saving Benefits.

It is possible to save £1,500,000.00 of scaffolding costs, easily, in 3 years.

In house, maintenance crews can assemble the system quickly and safely around, under or above the plant, even in restricted areas. Maintenance tasks can be better controlled, and outsourced scaffolding labour costs can be significantly reduced without compromising safety.

**LOBO provides certified onsite and online training**

[www.lobosystems.com](http://www.lobosystems.com)

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