

# Case Study



**Project Title:** On-site Machining  
**Site Location:** POLARIS Rotterdam, The Netherlands  
**Date Commencing:** 02-10-17  
**Duration of Project:** 8 weeks

**Situation** - The customer had been cutting out damaged 8" & 10" Flange's which had to be sent away to an external machining shop off site for re-machining to bring the flange faces back into tolerance which was very time consuming and expensive.

Previous companies had never advised that this re-working could be done in-situ using specialist equipment.

While our experienced site technicians were already on site doing some controlled bolt tightening, they advised that Polaris' expertise, in conjunction with our partner, Patriot International's market leading equipment provider, they could save valuable shutdown time and money.

## Solution:

*Ways in which we saved time and saved costs for the customer:*

- No need for pipe cutting equipment to be onsite for cutting and beveling pipe work
- No specific need for heat treatment to be on site – Valuable cost saving
- Time saved for the transporting of the valves to off site machining shop and returning of valves

- Time saved for the re-working of valves off site

- Welding is no longer required, taking considerable time from work scope by also eradicating the potential for pre & post welding processes. Our Technicians requested the required equipment via Patriot International.

## Conclusion:

Customer was very pleased that we were able to bring costs down dramatically and also save a large amount of time so they were able to have the pipework up and running in a very efficient timescale that was unexpected before Polaris Specialist Service Solutions arrived on site. There was also a large amount of resources that were saved due to one company having the ability to complete all these tasks on site rather than multiple companies.



**Integrated Solutions to Piping Problems | [www.patriot-int.com](http://www.patriot-int.com)**

### The Netherlands

Dordrecht  
T: +31 (0) 78 652 4111  
E: [info@patriot-int.com](mailto:info@patriot-int.com)

### United Kingdom

Aberdeen  
T: +44 (0) 1224 724726  
E: [info@patriot-int.com](mailto:info@patriot-int.com)

### Denmark

Esbjerg  
T: +45 (0) 76 56 99 00  
E: [info@patriot-int.com](mailto:info@patriot-int.com)

