

# CASE STUDY:

## Chemical Injection Mounting Assembly Design and Delivery



### The Background

During an ongoing subsea distribution project, the client identified a requirement for a mounting assembly for a Chemical Injection Metering Valve. The solution needed to integrate with existing systems and be designed and delivered alongside the project, without impacting overall delivery.

The requirement introduced additional complexity, as the assembly had to align with existing interfaces, operational requirements and installation constraints.

### The Project

J+S Subsea designed and delivered a bespoke mounting assembly to integrate the CIMV into the subsea system. The design incorporated double block and bleed valves, chemical routing and full field interface connections.

The assembly also included a landing and locking mechanism to support safe deployment and secure installation subsea. Consideration was given to maintainability, accessibility and long-term system integrity during operation.

The scope was developed, manufactured and tested in parallel with the wider project, requiring close coordination across engineering, manufacturing and testing teams to ensure alignment with the overall delivery schedule.

### The Results

The assembly was designed, manufactured, tested, deployed and commissioned within a twelve month period, without impacting the delivery of the wider project.

The final solution provided a reliable and maintainable interface for chemical injection, fully integrated with existing infrastructure and supporting ongoing field operations.



**Bespoke in-house design**



**Integrated valve control and field interfaces**



**Delivered without impacting operations**



**Full lifecycle delivery**

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