



Mature Program Support

Aerospace Valve Assembly and Testing

Background

- Aerospace OEM sourced a complete Valve Assembly from an offshore supplier. Upon receipt, the OEM then internally performed required burst, leakage, and pressure tests required to inspect product for use

OEM Dynamics

- OEM desired bringing the product on-shore and sought a source who could supply the product complete and ready for use
- New supplier would include the required ATP testing and accept full accountability for the manufacturing and testing required

QCC Solution

- OEM transitioned the component manufacturing, supply chain management, assembly and ATP testing of the complete Valve Assembly to QCC's Qualiseal Technology division
- Upon adoption of the program, a full design and process review revealed some inconsistencies with the drawings and process to yield a product capable of passing requirements
- QCC presented its findings to the OEM and resolved the problem by collaborating with them on drawing and process changes, resulting in 100% yield of product to be supplied
- The results represented the total value the OEM was seeking, yielding a cost reduction, improved logistics and a process and product that exceeded expectations
- Partnering with QCC enabled the receipt of complete Valve Assembly, tested, and ready for use while freeing up internal resources



Aerospace Valve Assembly