



**DESIGNING  
MANUFACTURING  
CLEANING  
TESTING**

... specialized butterfly valves for launch facilities and ground support applications.

## OUR CUSTOMERS

Our customers operate in various aerospace, wind tunnel, and engineering test facilities. These include NASA Kennedy Space Center, NASA Stennis Space Center, Arnolds Air Force Base, Lockheed Martin Corporation, McDonnell Douglas, MDS Aero Support Corporation, Aerojet Rocketdyne, as well as most other major private spaceflight companies.

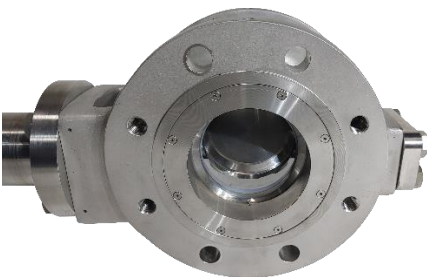
## OUR CAPABILITIES

We provide specialty and BAM-certified materials, precision cleaning, in-house testing, and third-party cryogenic testing for valves in liquefied natural gas (methane), liquid oxygen, gaseous oxygen, liquid hydrogen, and rocket propellant-1 (kerosene) services.

## INDUSTRY PROVEN

Our industry-proven install base for control and isolation valves includes wind tunnel flow and pressure control, as well as launch pad vibration and sound suppression. Safety-critical applications such as NASA mobile launchers, launch pads, rocket engine test stands, fuel and oxidant loading, venting, and purge systems along with ground support systems for distribution and storage make up a significant portion of our aerospace installations.

## DESIGN OPTIONS



**RESILIENT SEAT FOR  
CRYOGENIC ZERO LEAKAGE**



**METAL SEAT FOR  
BUBBLE-TIGHT SHUTOFF**



**VACUUM JACKET OPTIONS**

**CRYOGENIC  
ZERO  
LEAKAGE**

NASA Witnessed  
Closure Testing

**2,000+**

Aerospace and Cryogenic  
Valve Installations

**35+**

Years of Aerospace and  
Cryogenic Experience

**40+**

Countries Serviced  
Globally

## **YOUR PARTNER IN AEROSPACE APPLICATIONS**

### **OUR EXTENSIVE EXPERIENCE AND EXPERTISE...**

... in aerospace and cryogenic applications allow SCORE VALVES to provide customized, innovative, and timely engineered butterfly valve solutions based on rigorous industry and specification demands. We specialize in custom designs to effectively meet performance, weight, cost, and envelope requirements. Our 35+ years of experience designing custom solutions provide an extensive portfolio of existing designs to minimize lead time and development expenses.

“... you all did a stellar job at interpreting the spec details and have a good idea of the finest requirements... That puts you in a class of cryogenic system suppliers that only one other manufacturer can claim as familiar with KSC requirements.”

— Kennedy Space Center Cryogenic Systems Subject Matter Expert

### **WE PROVIDE THE HIGHEST QUALITY PRODUCTS...**

... through our registered Quality Management System, permitted engineering practice, and FDA and customer-audited cleaning process and facility. With over 30,000 valves installed in sizes 2” through 96” all the way up to ASME Class 1500 in all industries, SCORE VALVES’ continuous improvement allows us to meet the most demanding requirements to satisfy every customer need.



### **ONGOING COLLABORATION, TECHNICAL GUIDANCE, AND SUPPORT...**

... is provided for customer onsite training and third-party assembly, cleaning, and cryogenic testing. After-market support is provided through our customer, site, and in-house repair services for all our products by our highly skilled technicians.

“Great results in LH2 for shutoff.”

— Private Spaceflight Company after liquid hydrogen flow loop tests performed for function and bidirectional leakage through the valve

### **DESIGN, MANUFACTURING, AND SAFETY PROCESS CONTROLS...**

... on 100% of our valves is ensured by state-of-the-art manufacturing, machining, testing, and hard-wall clean room facilities. This allows us to provide the full in-house capability to fabricate, assemble, and test all of our products in a controlled environment. Capabilities include oxygen cleaning, valve shell proof testing (hydraulically and pneumatically), ambient and cryogenic closure and function testing, as well as nondestructive examinations (NDE) and positive material identification (PMI) for material conformity.