

Specifications  
\*Brand Name or Equal\*

Item 1 Description:

4" metal seated ball valve, Mogas Industries (C-Series, FlexStream, Gen-X, PORV, RSVP, SC-3PC, MAX-Series) or EQUAL, for service in high pressure dry clean air. The valve body shall be rated for a minimum pressure of 5000 psig over the temperature range from -20 F to 100 F. The valve shall have a high seat to ball overlap in order to provide extended service life. Because these valves will be utilized to protect personnel performing maintenance on the facility components installed downstream of these valves, a rugged valve with proven durability is required. The offeror shall provide references for organizations who have purchased the same equipment previously so that the Government can contact them to discuss the service history of the valve and operator quoted by the vendor. The valve shall be supplied with 4" Grayloc end connections rated for the same pressure / temperature combination. The valve shall be supplied with a Morin spring return fail closed pneumatic operator, Mogas Model C-1485U-S080-L3 or EQUAL. The operator shall be designed to close the ball valve on loss of service air or loss of electrical power to the three way solenoid that controls the service air to the operator. The solenoid valve controlling the service air shall be operated by a 24 VDC coil. Limit switches shall be supplied to indicate full open and full closed valve position. The pneumatic operator shall have a locking feature that allows locking of the valve stem in the closed position so that maintenance can be conducted on downstream system components. The vendor shall provide NASA an iges or stp file that accurately represents the valve and valve operator external dimensions for incorporation into NASA AutoCad developed design drawings.

Quantity: 2 each

Valve Tag Numbers shall be 3501A and 3502A