ART 260

# Cast Iron Globe Valve

## Installation Instructions
## and
## User Guide

Issue 2

# ART 260

## 1. Introduction

The Albion ART 260 Cast Iron Globe Valve is manufactured in accordance with BS EN 13789 (BS5152), BS EN 558 and complies with The Pressure Equipment Directive 2014/68/EU.

## 2. Technical Specification

| | |
|---|---|
| Operating Temperature Range | -10°C to +200°C |
| Maximum Operating Pressure | 16 Bar |

**Care should be taken to ensure that these operating parameters are adhered to at all times during service life of the valve. The maximum allowable pressure is for non-shock conditions only, water hammer should be avoided at all times. Maximum operating pressure reduces as the pressure increases.**

## 3. Installation

- Ensure that the valve is suitable for service conditions (pressure, temperature, service media);
- Remove any flange protectors where fitted;
- Valves should be installed in a horizontal orientation with the handwheel directly above the valve;
- Consideration should be given at the design stage to enable access to the valves for operation, adjustment, repair and maintenance;
- Heavy valves may require independent support when in situ;
- Where large valves are fitted with lifting lugs, these should be used to lift the valve;
- Valves should not be lifted using the handwheel or valve stem;
- Care should be taken to ensure the valve is installed with the flow arrow on the valve in the same orientation as the media flow. The ART 260 is uni-directional;
- The valve and adjoining pipework flanges should be checked to ensure cleanliness and that they are free from debris;
- Mating flanges, valve and pipework, should be checked to ensure the correct gasket is used;
- The gaskets should be free from any debris or damage prior to installation.

## 4. Operation

- To open the valve, turn the valve anti clockwise;
- To close the valve, turn the valve clockwise.

**Suitable Personal Protective Equipment (PPE) should be used to mitigate any operational risk.**

## 5. Maintenance

- Prior to the commencement of any routine maintenance, the valve should be at zero pressure and ambient temperature;
- It is recommended a documented risk assessment is undertaken prior to any maintenance work commencing;
- If the gland is leaking tighten the gland nuts. Over tightening of the gland nut can cause extensive wear on the valve stem and can make the valve handwheel difficult to rotate.