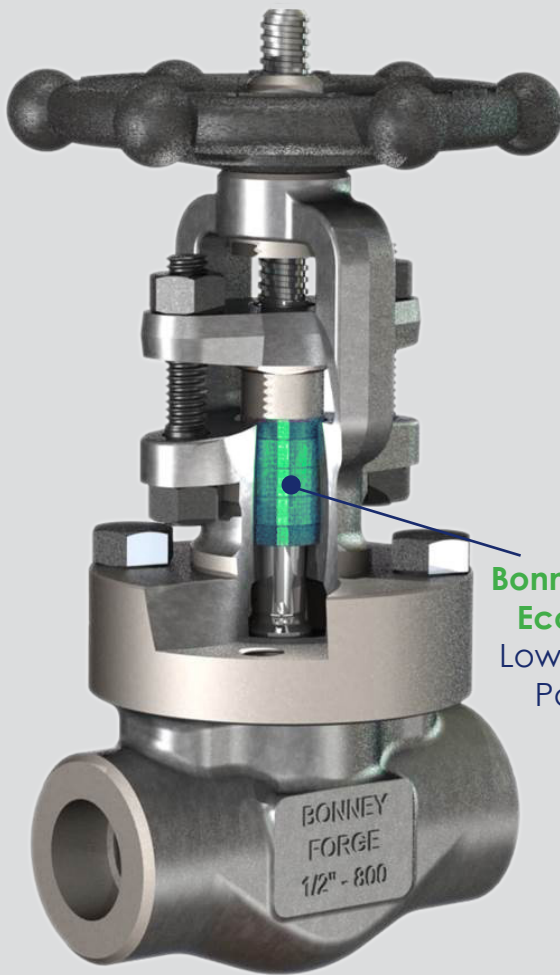


# Low Emission Valves

## Low E Valves with Bonney Forge Eco-Seal®

### Product Highlights:



Bonney Forge  
Eco-Seal®  
Low Emission  
Packing

### Features and Benefits:

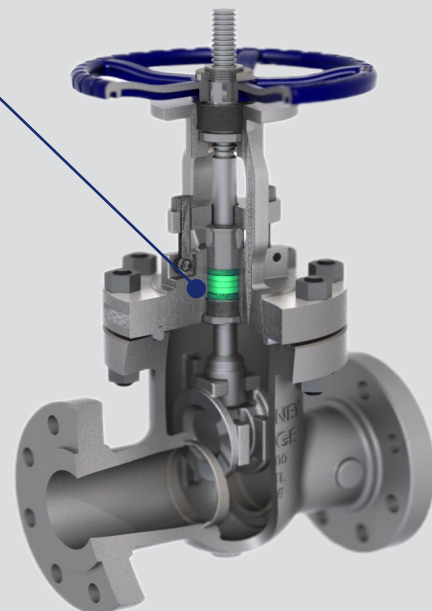
- True low emission graphitic packing (<100ppm)
- API 622 (packing type test) and API 624 (valve type test) fugitive emissions test results <100ppm
- 99% pure graphite
- Exceptional API 622 corrosion and weight loss results
- Comes standard in all forged and cast steel valves

Fugitive emissions regulations are becoming increasingly strict, and government agencies are focused on valves. According to the EPA, over 60% of volatile organic compound (VOC) emissions comes from valves. In the face of increasing regulations, you can trust Bonney Forge low emission (Low E) API 624 compliant valves with **Bonney Forge Eco-Seal®**. **Bonney Forge Low E valves:**

**Reduce emissions of harmful gases by up to 95% versus valves with traditional packing.** This increases the safety of personnel and reduces the effect on the environment.

**Increase plant efficiency.** Less leakage results in lower operating costs.

**Comply with EPA Leak Detection and Repair (LDAR) regulations.** The packing and valve technology is designed to provide long lasting Low E performance provided the valve is maintained in accordance with installation, operation and maintenance (IOM) guidance.





# Low Emission Valves

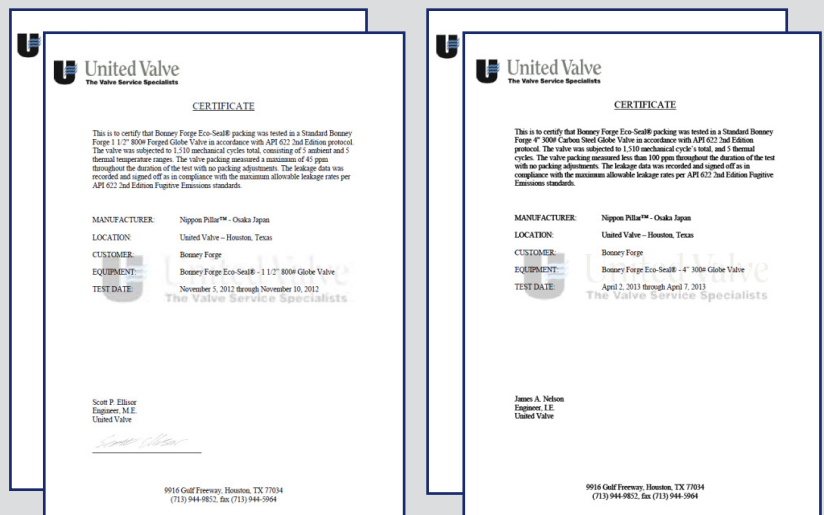
## Low E Valve Performance

Bonney Forge has validated 3rd party testing covering our complete forged and cast valve product lines. Valves have been tested to both API 622 and API 624. Typically API 622 testing is only performed on packing in a fixture due to the number of mechanical and thermal cycles. Bonney Forge has performed API 622 testing on actual valves with **Bonney Forge Eco-Seal®**, and the results speak for themselves:

- 1510 mechanical cycles
- Five thermal cycles (ambient to 500F)
- Zero packing retorques
- Zero stem corrosion

Valve	Avg Leakage (PPMv)	Max Leakage (PPMv)
1-1/2" 800# Gate	4	25
1-1/2" 800# Globe	14	45
4" 300# Gate	2	15
4" 300# Globe	48	78

### Certified by 3rd Party Testing:



## Contact Bonney Forge



...For the Best Value:  
Price, Quality, and Service  
All the Time

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