



Technical Bulletin

Bulletin No: 507049-000
Revision: A
Date: 2/9/22

Subject: Regulator Valve Seal – Guardian FFM

Models Affected

- Regulator Valve Seal (881009-000)
- Guardian FFM with Regulator (920001-xxx)
- Guardian Regulator (940002-xxx)
- Annual Maintenance Kit (900417-000)
- Demand Valve Insert (883028-000)

Summary

To Inform GFFM Technicians to inspect and replace as necessary any damaged Regulator Valve Seals for the Guardian second stage regulators. Upon inspection, a limited number of Regulator Valve Seals were found to have small tears in the side walls of the seal. No Valve Seals were found to have damage to the pressure seat, damage appears to be limited to the side walls as illustrated. This may lead to difficulties adjusting the regulator as well as a minor leak.

Cause

Manufacturing defect.

Solution

Inspect all existing stock of Regulator Valve Seals, part number 881009-000, including those in Annual Maintenance Kits, Demand Valve Inserts, and individual parts stocked. Examine under magnification, looking for any tears, damage or defects to the side walls of Valve Seals. This may appear as a small inclusion when viewed from the side or a blemish. Any questionable Valve Seals will be replaced by Ocean Technology Systems upon request. Email to salesupport@otscomm.com with subject title “Regulator Valve Seal” for replacements.

