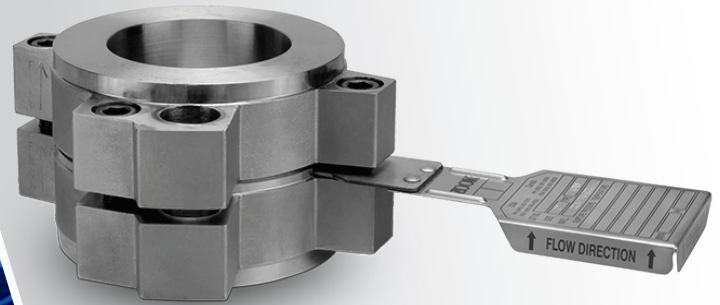


CASE STUDY

Replacement of Graphite Disks to Metal in Formaldehyde Plant Eliminated Premature Bursts



Overview

A Formaldehyde Plant was using graphite disks for most applications in their plant. Graphite disks are advantageous in exhibiting higher corrosion and fatigue resistance for the right application. However, overtime they encountered problems with graphite disks bursting prematurely.

Challenge

ZOOK was faced with the challenge of determining which rupture disks required replacement to metal. A complete audit, testing and analysis was conducted in the plant. A study was completed to determine if metal rupture disks were applicable for each installation.

Solution

After completing a full inspection and testing for the customer, the RA Series met all criteria and was recommended as the choice as the choice for replacement of graphite rupture disks.

Results

ZOOK worked closely with the customer to replace all graphite disks to the RA Series metal disk and holder. The RA Series rupture disk replacement solution eliminated premature disks and increased the safety and downtime of the plant.



Increased Plant Safety



Decreased Plant Downtime



Eliminated Premature Bursts