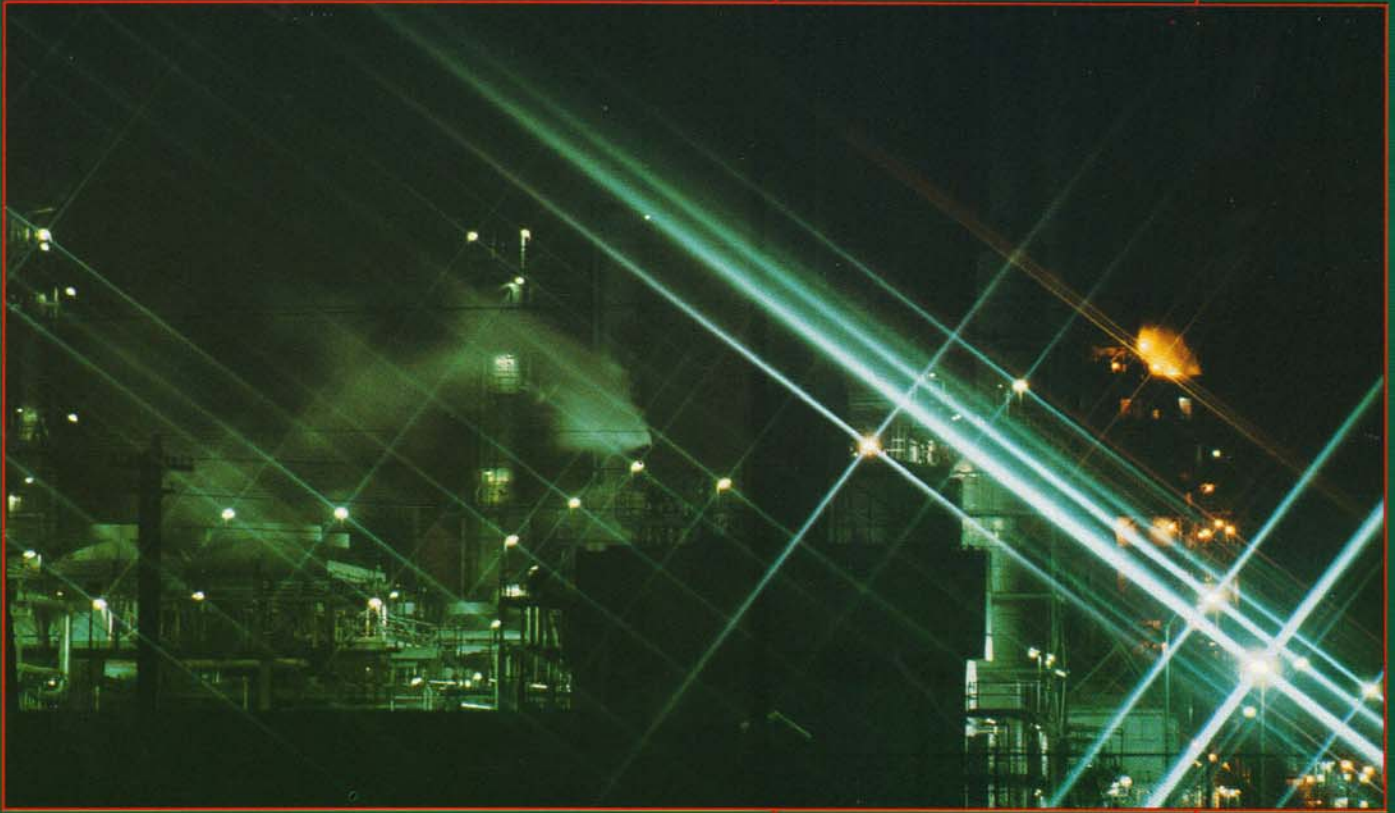




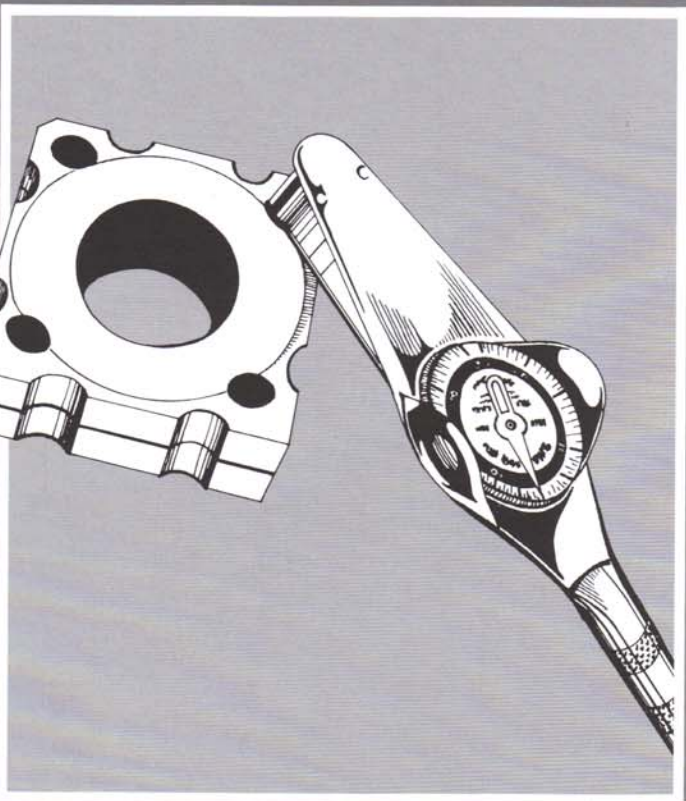
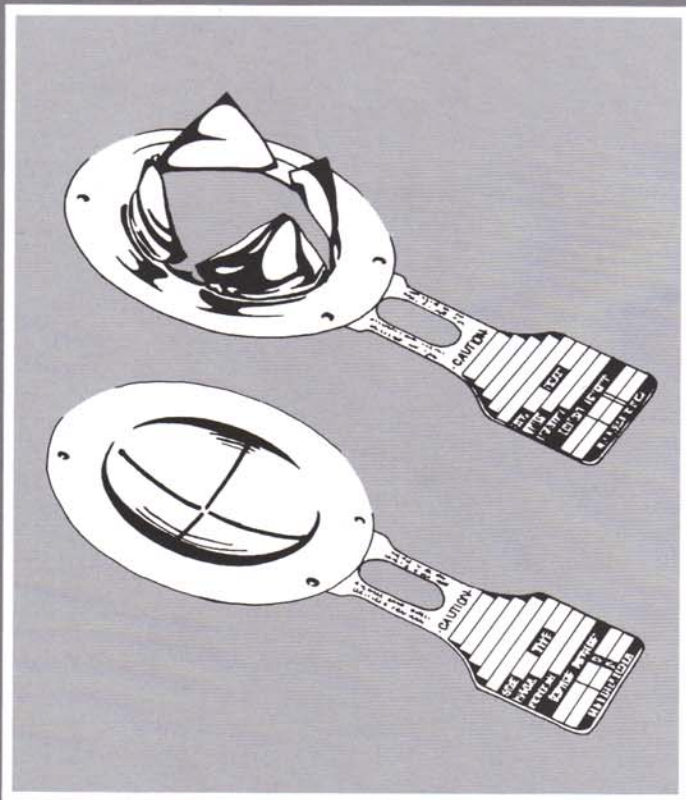
SAFETY SYSTEMS

BS&B
SERVICE
DIVISION



A REPUTATION
FOR QUALITY
YOU CAN
BANK ON

On-Site Installation,
Audit and Maintenance
Services and Training



QUALITY

The world leader in the design and manufacturing of Rupture Disks and Safety Heads, BS&B Safety Systems, Inc. has set the standard in the industry since designing the first Rupture Disk in 1931.

The BS&B Service Division has been established to provide continuing assistance and technical advice to support your plant safety performance in the area of overpressure relief and protection. The Service Division offers several installation and audit services and a maintenance training program designed to maximize your in-plant safety procedures regarding rupture disk assemblies.

INSTALLATION SERVICES

Qualified BS&B service personnel will provide on-site installation service in your facility consisting of the following steps:

- Remove the in-service ruptured disk assembly from the pipe system.
- Untorque the safety head capscrews.
- Inspect the disk for corrosion, stress, pinholes, dents and product build-up.
- Inspect the head assembly, capscrews, studs, nuts and bite-type seal. If found to be defective, BS&B will rework or replace the head or parts, whichever is most economical.
- Install a new disk from your in-house stock or place an order to BS&B.
- Properly torque the safety head assembly to BS&B specifications.
- Install the safety head assembly in the piping system, using BS&B-approved companion flange torque values.

INSTALLATION SUPERVISION

Qualified BS&B service personnel will give on-site supervision to your installation/maintenance personnel or crew. BS&B service personnel will:

- Supervise the removal of the rupture disk assembly.
- Inspect the safety head for damage.
- Install a new rupture disk.
- Witness torquing of the safety head prior to installation.
- Witness the installation of the assembly.
- Certify proper installation to BS&B standards.

AUDIT SERVICES

Qualified BS&B service personnel will audit all rupture disk installations on-site.

The Audit Report will indicate:

- Correct installation of rupture disk assemblies.
- Proper identification per ASME standards.
- Improperly installed rupture disk assemblies.
- Adequate vs. inadequate pressure protection.
- Verification of ASME compliance.
- Recommendations for improvement where appropriate.
- Proper documentation of disk installation and maintenance.

TRAINING

Qualified BS&B service personnel will present an Advanced Maintenance Workshop at a location of your choice. BS&B provides an instructor with the necessary test equipment, safety heads, rupture disks, companion flanges, torque wrench and other tools necessary for the seminar. You need only supply a room with an overhead projector and a recommended 10-12 participants.

The Advanced Maintenance Workshop will cover:

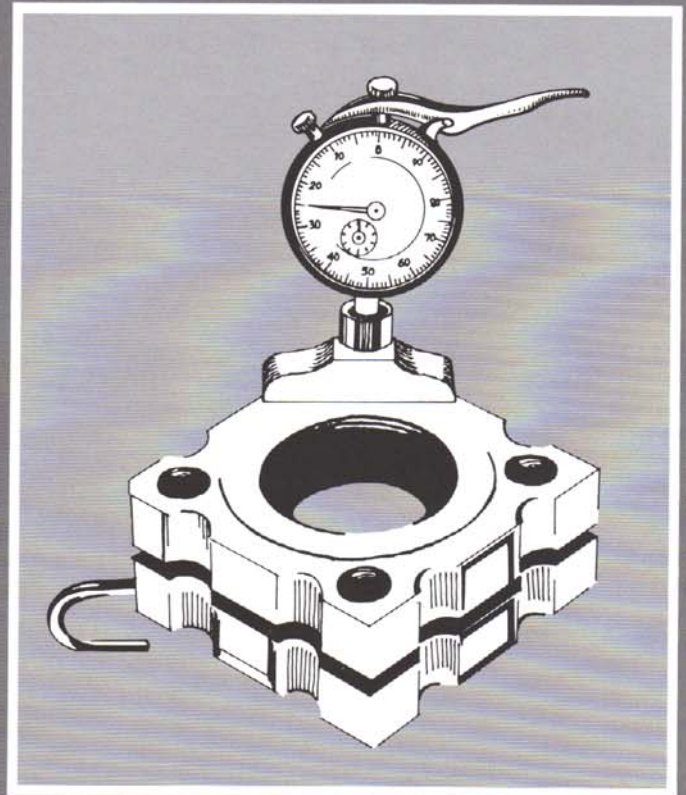
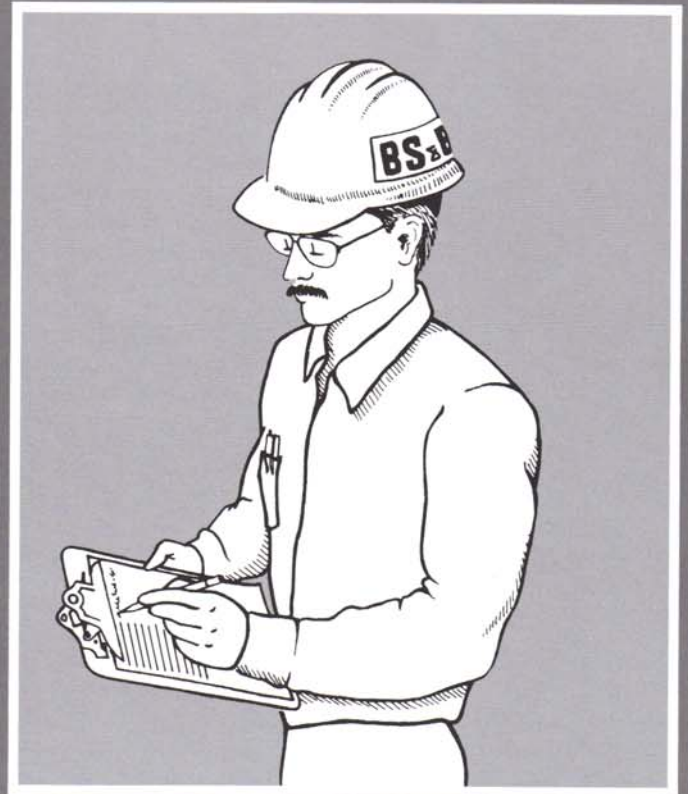
- The history of the rupture disks.
- Installation and maintenance procedures.
- Rupture disk technology and its importance for protection of personnel and equipment.
- Relief valve isolation installation.

The presentation includes:

- A slide presentation and discussion.
- A demonstration of the accuracy and opening characteristics of rupture disk devices.
- Actual bursting of rupture disks.
- Participation in an installation demonstration.
- Instruction in the proper handling of a rupture disk as a precision instrument.
- Inspection techniques for safety heads.
- Rupture disk Field Failure Analysis.

After the Advanced Maintenance Workshop, you will have the benefit of:

- Understanding the steps necessary for proper disk performance, the correct installation of rupture disk assemblies, and greater disk service life.
- Installation certification for your Maintenance/Safety personnel.



SERVICES AND AVAILABILITY

BS&B Safety Systems, Inc. and its affiliates offer a network of worldwide engineering, manufacturing and support services.

Manufacturing facilities located in:

- Tulsa, Oklahoma USA
- Limerick, Ireland
- Madras, India
- Sao Paulo, Brazil

BS&B's Field Engineering Services will provide immediate response for troubleshooting, analysis of field problems and special Engineering Services.

RUPTURE DISKS

Rupture disks are precision instruments—proper installation and maintenance is critical. Let the BS&B Safety Systems, Inc. Service Division show you the way to maximize safety and performance of your plant operations and personnel.

CALL TODAY!

BS&B is here to assist you in providing a safe and efficient workplace for you and your personnel. For ALL your rupture disk needs, you can rely on BS&B. Contact the representative in your area or call BS&B Safety Systems, Inc., Service Division, today.

ISO 9001 Quality System



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OVER
60
YEARS
EXPERIENCE