



## BS&B MAINTENANCE SEMINAR

**OBJECTIVES** – At the end of the seminar, trainees will be able to:

- Define a rupture disk
- Identify different styles of rupture disks
- Identify different styles of safety heads
- Compare “in-spec” and “out of spec” safety heads
- Properly install three styles of heads with proper torque
- Pass the certification test with a score of 70% or higher

### AGENDA

- A. Review Objectives
- B. Introduction to Rupture Disk Technology and History
- C. Introduction to two families of rupture disks
  1. Tension Loaded disks  
Solid metal disks, composite disks, vacuum supports
  2. Reverse Buckling disks  
Knife Blade, cross scored, low pressure and liquid service disks
- D. Introduction of rupture disks holders
  1. 30 angular seat holders
  2. Knife Blade holders  
Explain bite in seat seal
  3. Pre-torqued reverse buckling holders
- E. Hands on demonstration of proper torque procedures using a torque wrench and breaking of several rupture disks
- F. Overview of field failure analysis
- G. Trainees take a 10-15 minute test over all material
- H. Instructor reviews the test with the trainees and answers questions

BS&B will provide the necessary test equipment, heads, disks, flanges, torque wrench, and other tools for the seminar. The customer need only supply a room with overhead projector. The ideal class size would be 10-12 people. The seminar last approximately 2 hours. The seminars cost is based on the number of seminars at a particular plant location and is designed to cover the expenses of the instructor. Typically the cost is \$750 for one seminar at a location or \$1000 per day.



Contact G&W Industrial Sales 304-422-4755 for more information