

# A-GRAM



AIR FORCE CIVIL ENGINEER SUPPORT AGENCY

02-07

MARCH 2002

## AIR FORCE BOILER INSPECTION PROGRAM

### SYNOPSIS:

This supersedes A-Gram 98-32, dated September 1998.

The Air Force mandates annual inspections of high-pressure boilers and unfired pressure vessels. To assist the MAJCOMs and simplify the inspection process, HQ AFCESA manages an Air Force contract providing these services. The Air Staff distributes funds directly to MAJCOMs to support annual safety inspections of high-pressure boilers and unfired pressure vessels. To use the contract, MAJCOMs must transfer funds annually to AFCESA before delivery orders can be awarded.

### THE NEED:

AFI 32-1068, *Heating Systems and Unfired Pressure Vessels*, requires an annual safety inspection to help prevent catastrophic failures and reduce the potential for extensive property damage and personal injury. National industrial accident statistics for the year 2000 include:

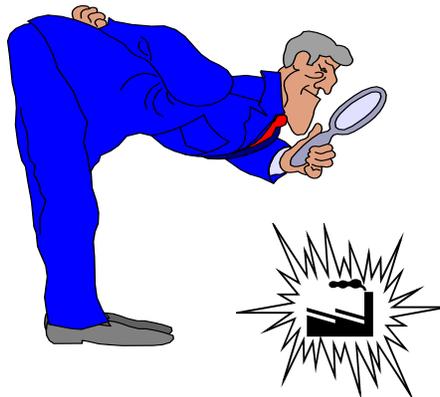
	<b>UNFIRED PRESSURE BOILERS</b>	<b>VESSELS</b>
<i>Accidents</i>	2,686	221
<i>Injuries</i>	27	3
<i>Deaths</i>	14	6

In the last several years, the leading causes of death have been improper installation, operator error and poor maintenance of unfired pressure vessels.

### HOW THE PROGRAM

#### WORKS:

**Assessing Requirements.** Each spring, AFCESA asks MAJCOMs to submit boiler and pressure vessel inspection



schedules for the next fiscal year. The request is forwarded to BCEs, who must organize their base inspection schedule and send it to the MAJCOM OPR, who in turn consolidates base schedules and forwards them to AFCESA by mid-summer.

**Funding.** MAJCOMs must transfer funds at the beginning of each fiscal year to AFCESA (AF Form 616) to cover their inspection requirements. Prompt receipt of MAJCOM funds will help AFCESA award a delivery order early in the fiscal year. Inspections performed prior to award of a delivery order must be considered a ratification.

### ORDERING INSPECTIONS:

For several years, Hartford Steam Boiler Inspection and Insurance Company has been contracted to perform inspections. To order inspections, the BCE's OPR simply contacts the local or branch office of Hartford and arranges a mutually convenient date. Overseas and in Alaska, the BCE staff must prepare invitational orders for the inspector.

BCE staffs are responsible for preparing boilers for inspection. If preparations cannot be completed by the inspection date, inspections can be canceled or delayed by notifying Hartford by telegram or telephone, later confirmed by letter, 36 hours in advance of the date set. Without proper notification to Hartford, the Government must pay a delay charge.

Unscheduled inspections must be prior-approved by AFCESA to ensure contingency funds are available. Send requests for approval through the MAJCOM OPR to AFCESA via FAX or E-mail.

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