

EXPLOSIONS CHECKLIST
(JAGMAN 0245)

- _____ Date, time, and location of the explosion by compartment name and number.
- _____ Type of explosion.
- _____ Kind and quantity of the materials, gases, etc., that were involved.
- _____ Measurable time intervals, if any, between explosions.
- _____ Existence of barricades and protective gear and the effect of the explosion on them.
- _____ Existence of any natural obstructions such as a hill, forest, or other object intervening between the site of the explosion and the areas affected.
- _____ Description of any loss or damaged to Government and private property.
- _____ Estimated dollar amount needed to replace or repair the loss or damage to property.
- _____ Range and extent of damage as indicated by maps or photographs showing:
 - _____ Radius of complete destruction;
 - _____ radius of structural damage beyond economical;
 - _____ radius of repairable structural damage;
 - _____ radius of general glass breakage;
 - _____ distances that significate missiles were projected, including kind and weight;
 - _____ distance between locations, if explosions occurred at more than one location; and
 - _____ distance between ships and other vessels or structures affected and distances to nearby ships or structures not affected.
- _____ Approximate shape and dimensions of crater, if any, including depth and kind.
- _____ Weather and atmospheric conditions and their effect on shock waves.
- _____ Personnel involved and the extent of the involvement.
- _____ Personnel qualifications in terms of the PQS system or other required safety qualifications.

Basic Checklists for Specific Types of Incidents

- _____ The level of training of the personnel involved and whether the level of training met required standards.
- _____ Identity of personnel injured or killed (with full descriptions of injuries supported by medical records and autopsy reports).
- _____ Description of the safety precautions or operating procedures that were in effect at the time of the explosion and whether they were observed or violated.
- _____ Opinions on the probable causes of the explosion.
- _____ An environmental assessment of the damage caused by the explosion may be necessary, particularly if there is evidence of chemical contamination of the surrounding area.