

Table 17.2: Risk Assessment Reports and Documentation

ITEMS	REQUIRMENTS
1. RISK ASSESSMENT REPORT	<p><u>6. ACCEPTANCE CRITERIA</u></p> <ul style="list-style-type: none"> i. The acceptance criteria proposed to be used to judge the acceptability of the risk should be documented. ii. Documentation of the assumptions made in deriving the required performance ensures that future modifications can be captured. These modifications, which could inadvertently change the key elements or features critical to the intended performance of the building and its systems, such as changes in specified maintenance procedures, have to be accounted for in order to maintain the level of safety before the implementation of the detrimental modifications. iii. Results may be either relative (e.g., compared to a baseline or comparing alternative options) or absolute (e.g., deaths per year). Within this context, they may be qualitative or quantitative. iv. The acceptance criteria may be in the form of a quantitative risk value, a comparative value, or other values as agreed to by the stakeholders and the Civil Defence. The form of the acceptance criteria should be dependent on the risk problem and should influence the selection of appropriate FRA methods. v. Acceptance criteria should be established during preplanning. vi. Acceptance criteria may be based on one of the following: <ul style="list-style-type: none"> a. Prescriptive regulations b. Performance regulations c. Other agreed-to criteria d. Standards and guides. <p><u>7. SCENARIOS</u></p> <ul style="list-style-type: none"> i. All scenarios or scenario clusters that are proposed to be used in the analysis should be documented. Where like scenarios are clustered, the basis for clustering should also be included in the documentation. ii. The documentation should state why the scenarios or scenario clusters used are representative of all scenarios to which the building or facility could be exposed. iii. The types of scenarios that are not considered because they either are unrealistically severe or sufficiently unlikely should be documented with cause for exclusion. <p><u>8. METHOD OF RISK ANALYSIS</u></p> <ul style="list-style-type: none"> i. The method that is proposed to be used to conduct the risk analysis should be documented. The documentation should address why the method is appropriate for the fire risk analysis <p><u>9. DATA SOURCES</u></p> <ul style="list-style-type: none"> i. Data, reference to the sources of the data, and assumptions with justification should be provided.