

2. Consideration should be given to including the following as subjects of investigation:

- (a) working environment, such as working surfaces, layout of machinery, means of access, lighting and methods of work;
- (b) incidence in different age groups of occupational accidents and occupational injuries and diseases;
- (c) special physiological or psychological problems created by the shipboard environment;
- (d) problems arising from physical stress on board a ship, in particular as a consequence of increased workload;
- (e) problems arising from and effects of technical developments and their influence on the composition of crews; and
- (f) problems arising from any human failures.

Guideline B4.3.7 – National protection and prevention programmes

1. In order to provide a sound basis for measures to promote occupational safety and health protection and prevention of accidents, injuries and diseases which are due to particular hazards of maritime employment, research should be undertaken into general trends and into such hazards as are revealed by statistics.

2. The implementation of protection and prevention programmes for the promotion of occupational safety and health should be so organized that the competent authority, shipowners and seafarers or their representatives and other appropriate bodies may play an active role, including through such means as information sessions, on-board guidelines on maximum exposure levels to potentially harmful ambient workplace factors and other hazards or outcomes of a systematic risk evaluation process. In particular, national or local joint occupational safety and health protection and accident prevention committees or ad hoc working parties and on-board committees, on which shipowners' and seafarers' organizations concerned are represented, should be established.

3. Where such activity takes place at company level, the representation of seafarers on any safety committee on board that shipowner's ships should be considered.