APPENDIX 1 GRAPHICAL SYMBOLS AND ABBREVIATIONS

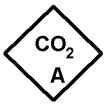
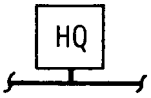
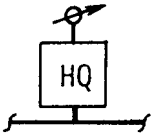
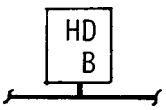
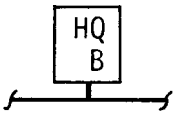
The following typical graphical symbols and abbreviations should be utilised in fire protection schemes and drawings.

If the NFPA codes are specified for the design of the fire-fighting systems, the symbols and abbreviations of the NFPA codes may be applied if approved by the Principal. If the NFPA codes do not provide the appropriate symbols for the fire protection drawings of onshore installations, the symbols in this Appendix should be applied.

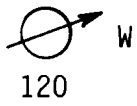
BS 1635 may be used if additional symbols and abbreviations are required.

1.1 FIXED FIRE PROTECTION EQUIPMENT/SYSTEMS

Fixed automatic water spray system	
Fixed manually operated water spray system	
Fixed automatic water fog system	
Fixed manually operated water fog system	
Fixed automatic low expansion foam system	
Fixed manually operated low expansion foam system	
Fixed automatic medium expansion foam system	
Fixed manually operated medium expansion foam system	
Fixed automatic high expansion foam system	
Fixed manually operated high expansion foam system	
Fixed automatic AFFF (aqueous film forming foam) system	

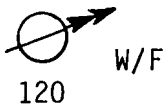
Fixed manually operated AFFF system	
Fixed automatic alcohol-resistant foam system	
Fixed manually operated alcohol-resistant foam system	
Fixed automatic Inergen system	
Fixed manually operated Inergen system	
Fixed automatic carbon dioxide system	
Fixed manually operated carbon dioxide system	
Fixed manually operated dry powder system	
Hydrant post (pillar) double	
Hydrant post (pillar) quadruple	
Hydrant post (pillar) quadruple with monitor	
Hydrant post (pillar) double equipped with bottom drain valve	
Hydrant post (pillar) quadruple equipped with bottom drain valve	

Fixed-installed monitor, manually adjustable and operated, for water (capacity in m^3/h)

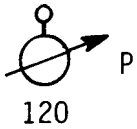


Oscillating monitor with nozzle

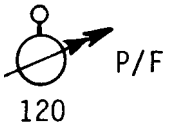
Fixed-installed monitor, manually adjustable and operated, for water and for foam (capacity in m^3/h water foam solution)



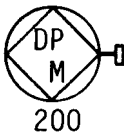
Fixed-installed monitor, remotely adjustable and operated, for powder (capacity in m^3/h)



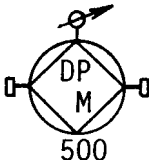
Fixed-installed monitor, remotely adjustable and operated, for powder and for foam (capacity in m^3/h water foam solution)



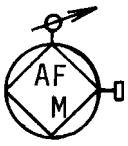
Fixed manually operated dry powder unit with one hose reel (capacity in kg)



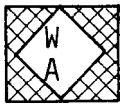
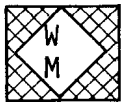
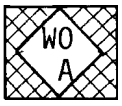
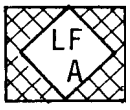
Fixed manually operated dry powder unit with two hose reels and powder gun (capacity in kg)



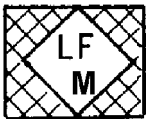
Fixed manually operated AFFF unit with one hose reel and monitor (capacity in m^3)



Fixed installed high back pressure foam generator

Dry riser	
Steam ring	
Hose box	
Fire point	
On/off control valve for automatic spray systems spring opening	
Fixed manually operated sub-surface foam system	
Fixed manually operated semi-sub-surface foam system	
Area protected by fixed automatic water spray system	
Area protected by fixed manually operated water spray system	
Area protected by fixed automatic water fog system	
Area protected by fixed manually operated fog system	
Area protected by fixed automatic water curtain	
Area protected by fixed manually operated water curtain	
Area protected by fixed automatic low expansion foam system	

Area protected by fixed manually operated low expansion foam system



Area protected by fixed automatic medium expansion foam system

Area protected by fixed manually operated medium expansion foam system

Area protected by fixed automatic high expansion foam system

Area protected by fixed manually operated high expansion foam system

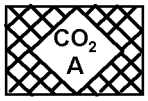
Area protected by fixed automatic AFFF system

Area protected by fixed manually operated AFFF system

Area protected by fixed automatic alcohol-resistant foam system

Area protected by fixed manually operated alcohol-resistant foam system

Area protected by fixed automatic carbon dioxide system

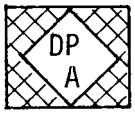


Area protected by fixed manually operated carbon dioxide system

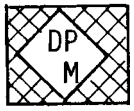
Area protected by fixed automatic Inergen system

Area protected by fixed manually operated Inergen system

Area protected by fixed automatic dry powder system



Area protected by manually operated dry powder system

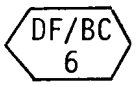


1.2 PORTABLE FIRE EXTINGUISHING EQUIPMENT

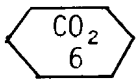
1.2.1 Portable extinguishers

Powder,
where A indicates the type of dry powder, and the number is the filling weight in kg, which may be 2, 6, 9, or 12 kg.

Powder,
where BC indicates the type of dry powder, and the number is the filling weight in kg, which may be 2, 6, 9, or 12 kg.



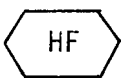
Carbon dioxide



Steam lance

1.2.2 Portable foam generators

High expansion foam generator

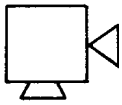


Medium expansion foam generator

High back pressure foam generator

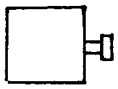
1.3 FIRE-WARNING SYSTEM, MANUAL

Siren

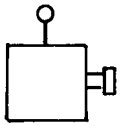


1.4 FIRE SUPERVISORY SYSTEM, AUTOMATIC

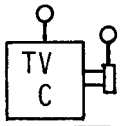
Fixed installation television camera



Fixed remotely operated television camera



Fixed remotely operated television camera with remotely operated zoom lens



Television monitor

1.5 FOR SYMBOLS AND IDENTIFICATION SYSTEM – INSTRUMENTATION (Including fire and gas detectors)

See DEP 32.30.20.11-Gen and DEP 32.10.03.10-Gen.