**BLOCK PLANS FOR FOAM INSTALLATIONS**

Foam installations should also provide block plans. These are needed as those attending a site with these systems have no way of knowing where they are or what their design bases are. This becomes particularly important when these systems have to be serviced, replenished, modified or tested.

A Block Plan of the foam protected premises shall be placed close to the main entrance or elsewhere, where it can readily be seen by the Fire Brigade or others responding to a fire alarm. The Block Plan shall show:

a) Each foam system and location of its corresponding control valve
b) The area of hazard and type of hazard covered by each foam system
c) By colour shading/hatching the area covered by each system.
d) Location of any subsidiary stop valves/zone valves.
e) The foam system design standard used.
f) The foam concentrate – type, supplier, supplier designation, and use concentration.
g) The foam application rate for each area
h) The type and location of foam proportioners
i) The capacity and location of each foam concentrate storage tank
j) The type of foam discharge devices used.
k) Block Plan date and revision.
l) Compass point
m) Systems installer details

**PROTECTED AREA:** DMA TANK BUNDS 1 & 2  
**DESIGN CODE:** EN 13565 PART 2 2019  
**APPLICATION RATE:** 9.0 LITRES/MIN/M²  
**DISCHARGE TIME:** 20 MINUTES

**FOAM CONCENTRATE:** SKUM TOWELEX 3% AFFF  
**FOAM PROPORTIONER:** SKUM TP MK2  
**FOAM STORAGE TANK:** SKUM 1000L HORIZONTAL BLADDER TANK  
**FOAM DISCHARGE DEVICES:** SKUM 40nb MBL-40

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**WIDE BODY AIRCRAFT HANGAR**  
**DESIGN CODE:** BS.EN 13565 PART 2 2019  
**APPLICATION RATE:** DELUGE 6.5 LITRES/MIN/M²  
**MONITORS** 4.1 LITRES/MIN/M²  
**DISCHARGE TIME:** 10 MINUTES (+100% RESERVE)  
**FOAM CONCENTRATE:** SKUM TOWLEX 3% AFFF  
**FOAM PROPORTIONERS:** ANSUL 8" IBP  
**DISCHARGE DEVICES:** DELUGE - JCI MV  
**MONITORS** - ANSUL WOM 3  
**MONITOR NOZZLES:** ELKHART CJN-B750  
**FOAM PUMPS:** 2+1 DIESEL PUMPSETS  
**WATER PUMPS:** 5+1 DIESEL PUMPSETS

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**HDPE BAGS**  
**FILLING TANK:** 2 x 5500 LITRE FOAM TANKS  
**TANK:** 2 x 600,000 LITRE WATER TANKS  
**FOAM PUMPHOUSE**  
**MONITOR M1**  
**MONITOR M2**  
**MONITOR M3**

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**MONITOR M4**  
**MONITOR M5**  
**MONITOR M6**  
**MONITOR M7**  
**MONITOR M8**

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**FOAM PUMPS:** 2+1 DIESEL PUMPSETS  
**WATER PUMPS:** 5+1 DIESEL PUMPSETS

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**MONITOR M9**  
**MONITOR M10**  
**MONITOR M11**  
**MONITOR M12**  
**MONITOR M13**

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**MONITOR M14**  
**MONITOR M15**  
**MONITOR M16**  
**MONITOR M17**  
**MONITOR M18**  
**MONITOR M19**  
**MONITOR M20**
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