Operator checklist for temporary fuel storage and handling systems

Fuel compounds

No.	Question	Yes/No/ NA	Comments
1	Are all bulk tanks, IBCs or package stores for fuel > 500 L and any associated dispensers or decanting equipment located within a dedicated fuel compound?		
2	Are fuel compounds adequately fenced to restrict unauthorised access?		e.g. 1.8 m high chain-wire fencing
3	Are fuel compounds provided with a minimum of 2 x outward opening entry/exit gates?		
4	Are fuel compounds provided with an outer warning 'HAZCHEM' placard?		
5	Are fuel compounds provided with signage demarcating exclusion zones for ignition sources?		

Aboveground bulk tanks

No.	Question	Yes/No/ NA	Comments
6	Are standalone bulk tanks separated from public areas, vehicle garages, buildings, property boundaries and accumulations of combustible materials or other fire-risk dangerous goods as per Table 5.4 of AS1940?		e.g. a 42 000 L tank = $\geq$ 12 m separation distance
7	Are any 2 x stand-alone bulk tanks separated from each other by $\geq$ 1 m?		A multi-compartment tank = stand-alone tank.
8	Are bulk tanks separated from package stores as per Table 5.3 of AS1940?		e.g. 42 000 L tank and 10 000 L package store shall be separated from each other by $\geq$ 6 m
9	Are bulk tanks separated from ignition sources?		
10	Are bulk tanks protected from hazardous accumulations of static electricity?		e.g. via earthing and bonding
11	Where a road tanker or isotainer is connected to a dispensing system, has it been disconnected or unloaded from the prime mover and secured?		
12	Where a tanker or isotainer is connected to a dispensing system, has it been fitted with an emergency shut-off valve at the tank outlet that is capable of being remotely operated from any connected dispenser?		Applies only to tanks, isotainers or tanker compartments that are connected up to a dispensing system.

13	Are bulk tanks, including any IBC fitted to a dispensing system, provided with a spill containment system capable of containing ≥ 100 per cent of the largest tank within the compound?		
14	Are spill compounds constructed from non-combustible materials?		e.g. concrete, steel or earth
15	Are bulk tanks < 10 000 L provided with 1 x 9 kg ABE and 1 x 9 kg foam extinguisher within 10 m?		
16	Are bulk tanks > 10 000 L provided with 1 x 20 L foam concentrate-equipped hose reel < 10 m or, where a reticulated water supply is not readily available, provide a 40 kg wheeled foam extinguisher? Note: as an alternative the following may also be provided: • firefighting pump • water tank > 2000 L capacity • sufficient foam concentrate, and • a trained crew on standby.		
17	Is firefighting foam compatible with fuels stored and handled?		
18	Do bulk tanks have a suitable tank placard?		

Package stores

No.	Question	Yes/No/ NA	Comments
19	Are package stores separated from public areas, vehicle garages, buildings, property boundaries, accumulations of combustible materials or other fire-risk dangerous as per Table 4.1 of AS1940 or 3 m, whichever is greater?		e.g. 10 000 L package store = ≥ 7 m
20	Are package stores separated from bulk tanks as per Table 5.3 of AS1940?		e.g. 10 000 L package store and 42 000 L bulk tank shall be separated from each other by ≥ 6 m
21	Are package stores separated from ignition sources?		e.g. ≥ 3 m laterally and ≥ 1 m vertically from any sealed package or ≥ 8 m laterally and > 1 m vertically from any package connected to decanting equipment
22	Are package stores provided with a spill containment system capable of containing 100 per cent of the largest package plus 25 per cent of the aggregate of all packages within the compound?		e.g. spill compound required for 40 x 200 L drums = ≥ 2200 L
23	Are spill compounds constructed from non-combustible materials?		e.g. concrete, steel or earth
24	Are package stores provided with 1 x 9 kg ABE and 1 x 9 kg foam extinguisher ≤ 10 m?		
25	Do package stores have a flammable liquid placard?		

Dispensers

No.	Question	Yes/No/ NA	Comments
26	Are vehicle refuelling dispensers consistent with section 7.3 of AS1940?		e.g. dispensers require overfill protection and auto cut-off if dropped
27	Are fuel dispensers separated from aboveground bulk tanks or other fire-risk dangerous goods by ≥ 8 m and located outside of any spill compound for a bulk tank or package store?		Excluding tanks with a 240/240/240 FRL outer shell.
28	Are fuel dispensers separated from ignition sources?		Excluding vehicles to be refuelled accessing or exiting a dispenser.
29	Are fuel dispensers protected from hazardous accumulations of static electricity?		e.g. via earthing and bonding
30	Are fuel dispensers provided with 2 x 9 kg ABE fire extinguishers ≤ 10 m?		
31	Are fuel dispensers operated by suitably trained workers only?		i.e. is self-service prohibited
32	Is a spill kit provided ≤ 10 m of any fuel dispenser?		

Administrative controls

No.	Question	Yes/No/ NA	Comments
33	Is a register containing safety data sheets for all fuels and any other hazardous chemicals at the workplace available?		
34	Are workers provided with information about the hazards associated with the temporary fuel storage and handling system?		
35	Are workers provided with information, training and instruction about the controls in place to minimise risks from the temporary fuel storage and handling system?		
36	Are bulk tanks or IBCs that will be filled during the event fitted with vents consistent with AS1940.		e.g. AS1940 states vent outlets = ≥ 4 m from ground level and ≥ 150 mm above the top of a tank If no – these bulk tanks or IBC's **must not be filled** during the event and they must identified as such.

Manifest and emergency plans

No.	Question	Yes/No/ NA	Comments
37	Has an appropriate emergency plan been documented for the temporary fuel storage and handling system?		
38	Will the temporary fuel storage and handling system hold > 2500 L of fuel?		If you have answered yes, then there are notification and other requirements which must be met as advised in Questions 39-40
39	Has Workplace Health and Safety Queensland been notified on form 73 of the workplace where the temporary fuel storage and handling system will be located? Find out more about hazardous chemical notifications at: https://www.worksafe.qld.gov.au/injury-prevention-safety/hazardous-chemicals/notifications-for-hazardous-chemicals		
40	Has Queensland Fire and Emergency Services been provided with an emergency plan via: qfes.EMPlanning@qfes.qld.gov.au		
41	Is a manifest provided in a red weather proof box at the entrance to the workplace or where fuel is stored or handled?		

Comments:

Operator: Date: