

OPERATIONAL RISK SITE INFORMATION

1. DOCUMENT OWNER	Blantyre Training Manager
2. DOCUMENT DATE & COMPLETED BY (please print name)	DATE: 22/07/2022 COMPLETED BY: Insert name here
3. NAME & ADDRESS OF SITE	Bangwe Market, Blantyre
4. TRADE, BUSINESS OR USE	Open air market various traders.
5. LIFE RISK	1000 Max
6. HAZARDS	RISKS
Multiple Uncontrolled single-phase electric outlets (240v)	Electrocution and ignition risk
High fire loading from trader's goods	Rapid fire spread
Unrestricted open flame cooking	Ignition risk
Liquid Petroleum Gas cylinders (LPG)	Bleve / Explosion
Tight narrow passageways. Minimum entrances.	Hidden rapid fire spread. Restricted access & egress routes leading to compromised escape routes.



7. Water supplies

- One hydrant 300m South on approach road opposite main entrance. 2 bar pressure
15°50'16.0"S 35°05'16.4"E
- Thuchila River approximately 700m West along M4. May be a limited supply in dry season.
15°49'55.6"S 35°05'00.1"E

8. CONTROL MEASURES

- Trader's refuse is collected at one central spot.
- Passageways kept clean from debris and potential surface fuels.
- Site managed by a collective of market leaders

9. OPERATIONAL CONSIDERATIONS

- Emergency Vehicle RV point at market entrance on M4.
- Secure definitive water supplies as a priority. Request additional resources to ferry water from source to scene of operations.
- Monitor fire spread and maintain escape routes out.
- Ensure any vehicles entering the site are turned around facing the escape route out.
- Identify electrical isolation of the site.
- Identify areas of pressurised gas cylinders

10. ENVIRONMENTAL CONSIDERATIONS

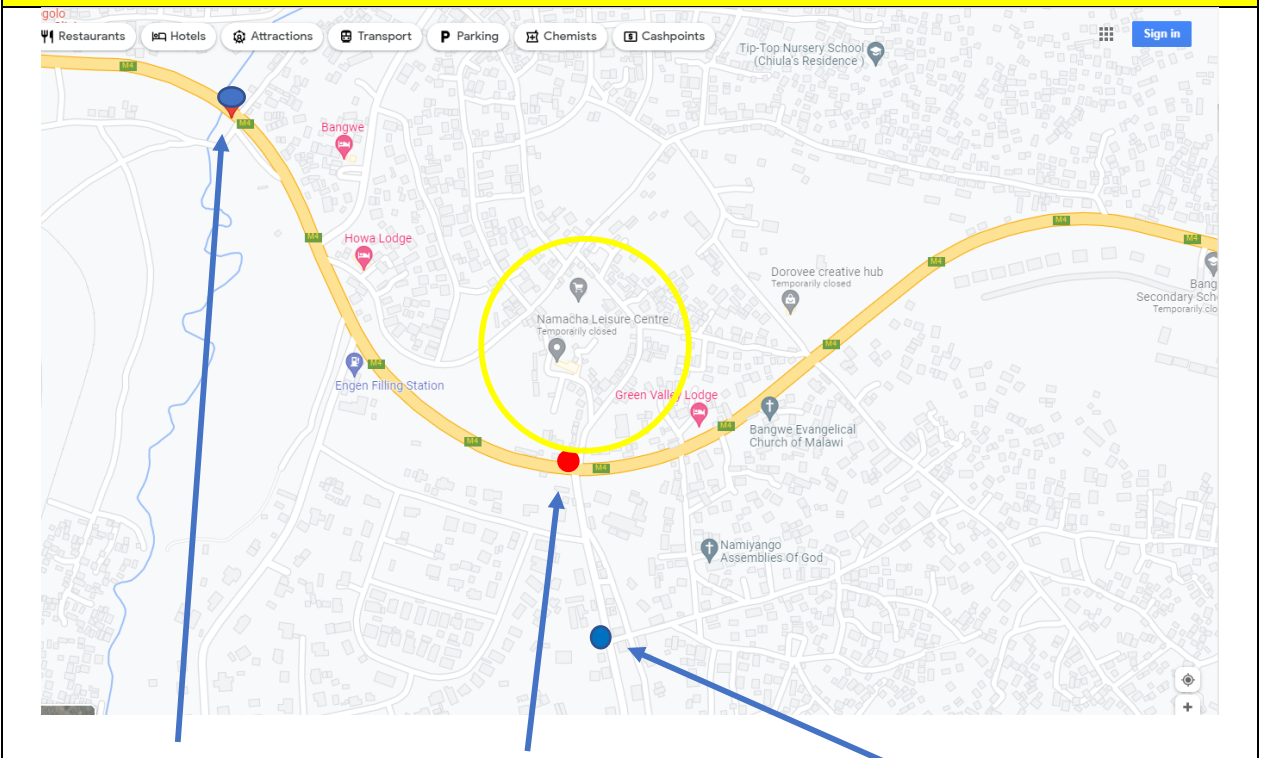
- Any fire water run off may contaminate surrounding farmland. Water course Thuchila River West 700m

11. CONSTRUCTION DESCRIPTION

- Mixture of single skin brick buildings with corrugated galvanised roof sheeting and wooden structures with either galvanised roof sheeting or plastic tarpaulins.

12. FIXED INSTALLATIONS	
<ul style="list-style-type: none"> • None installed 	
13. FIRE FIGHTING MEDIUM	
<ul style="list-style-type: none"> • Limited water supplies • Sand 	
15. CONTACT / SPECIALIST ADVICE	Bangwe Market Leaders – Place contact details here
16. Location	<p>15°49'55.6"S 35°05'00.1"E</p> <p>What3words metropolitan.leniently.breakable</p>

10. SITE PLAN – BANGWE MARKET, BLANTYRE



**River Thuchila
open water source**

Rendezvous Point

Hydrant



Vehicular Access

Site Office

