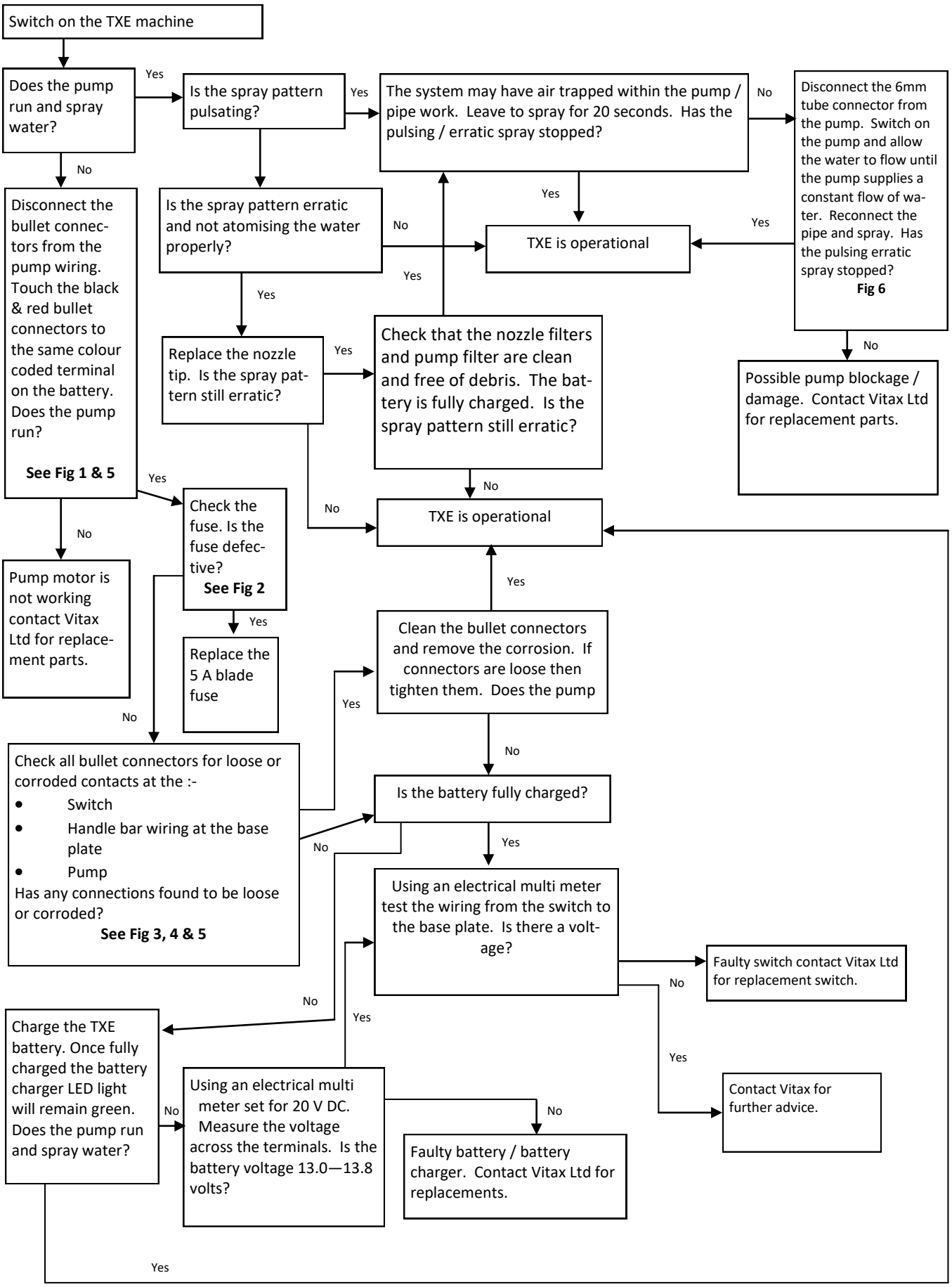
Switch on the TXE machine
Does the pump run and spray water?
Yes
Is the spray pattern pulsating?
Yes
The system may have air trapped within the pump / pipe work. Leave to spray for 20 seconds. Has the pulsing / erratic spray stopped?
No
Disconnect the 6mm tube connector from the pump. Switch on the pump and allow the water to flow until the pump supplies a constant flow of water. Reconnect the pipe and spray. Has the pulsing erratic spray stopped?
Fig 6
Yes
TXE is operational
No
Possible pump blockage / damage. Contact Vitax Ltd for replacement parts.
No
Disconnect the bullet connectors from the pump wiring. Touch the black & red bullet connectors to the same colour coded terminal on the battery. Does the pump run?
See Fig 1 & 5
Yes
Is the spray pattern erratic and not atomising the water properly?
No
Yes
Replace the nozzle tip. Is the spray pattern still erratic?
Yes
Check that the nozzle filters and pump filter are clean and free of debris. The battery is fully charged. Is the spray pattern still erratic?
No
TXE is operational
No
Check the fuse. Is the fuse defective?
See Fig 2
Yes
Replace the 5 A blade fuse
No
Pump motor is not working contact Vitax Ltd for replacement parts.
Yes
Clean the bullet connectors and remove the corrosion. If connectors are loose then tighten them. Does the pump
No
Check all bullet connectors for loose or corroded contacts at the :-
• Switch
• Handle bar wiring at the base plate
• Pump
Has any connections found to be loose or corroded?
See Fig 3, 4 & 5
Yes
No
Is the battery fully charged?
Yes
Using an electrical multi meter test the wiring from the switch to the base plate. Is there a voltage?
Faulty switch contact Vitax Ltd for replacement switch.
No
Yes
Contact Vitax for further advice.
No
Charge the TXE battery. Once fully charged the battery charger LED light will remain green. Does the pump run and spray water?
No
Using an electrical multi meter set for 20 V DC. Measure the voltage across the terminals. Is the battery voltage 13.0—13.8 volts?
Yes
No
Faulty battery / battery charger. Contact Vitax Ltd for replacements.
Yes