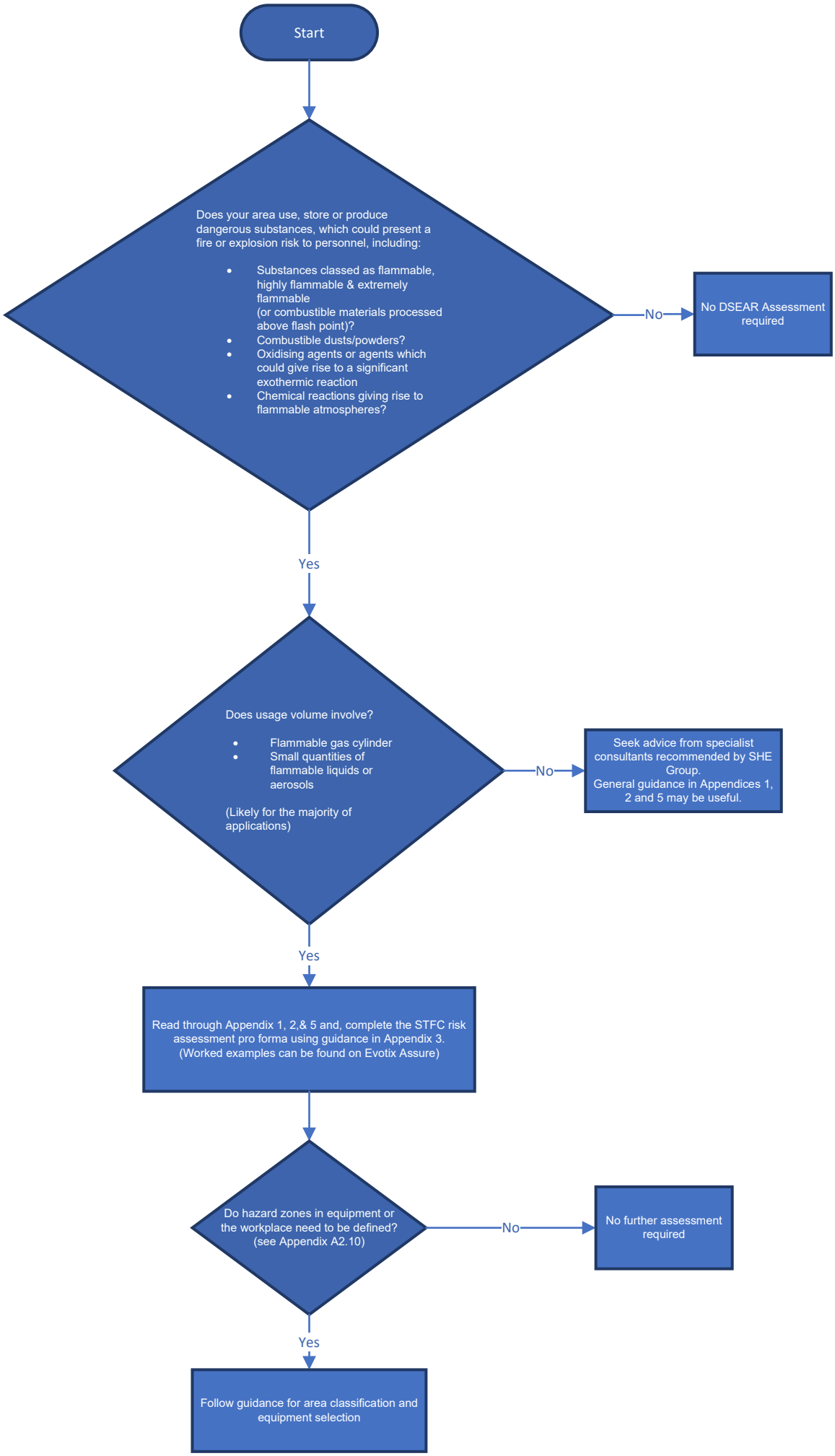
Start
Does your area use, store or produce dangerous substances, which could present a fire or explosion risk to personnel, including:
• Substances classed as flammable, highly flammable & extremely flammable (or combustible materials processed above flash point)?
• Combustible dusts/powders?
• Oxidising agents or agents which could give rise to a significant exothermic reaction
• Chemical reactions giving rise to flammable atmospheres?
No
No DSEAR Assessment required
Yes
Does usage volume involve?
• Flammable gas cylinder
• Small quantities of flammable liquids or aerosols
(Likely for the majority of applications)
No
Seek advice from specialist consultants recommended by SHE Group.
General guidance in Appendices 1, 2 and 5 may be useful.
Yes
Read through Appendix 1, 2,& 5 and, complete the STFC risk assessment pro forma using guidance in Appendix 3.
(Worked examples can be found on Evotix Assure)
Do hazard zones in equipment or the workplace need to be defined?
(see Appendix A2.10)
No
No further assessment required
Yes
Follow guidance for area classification and equipment selection