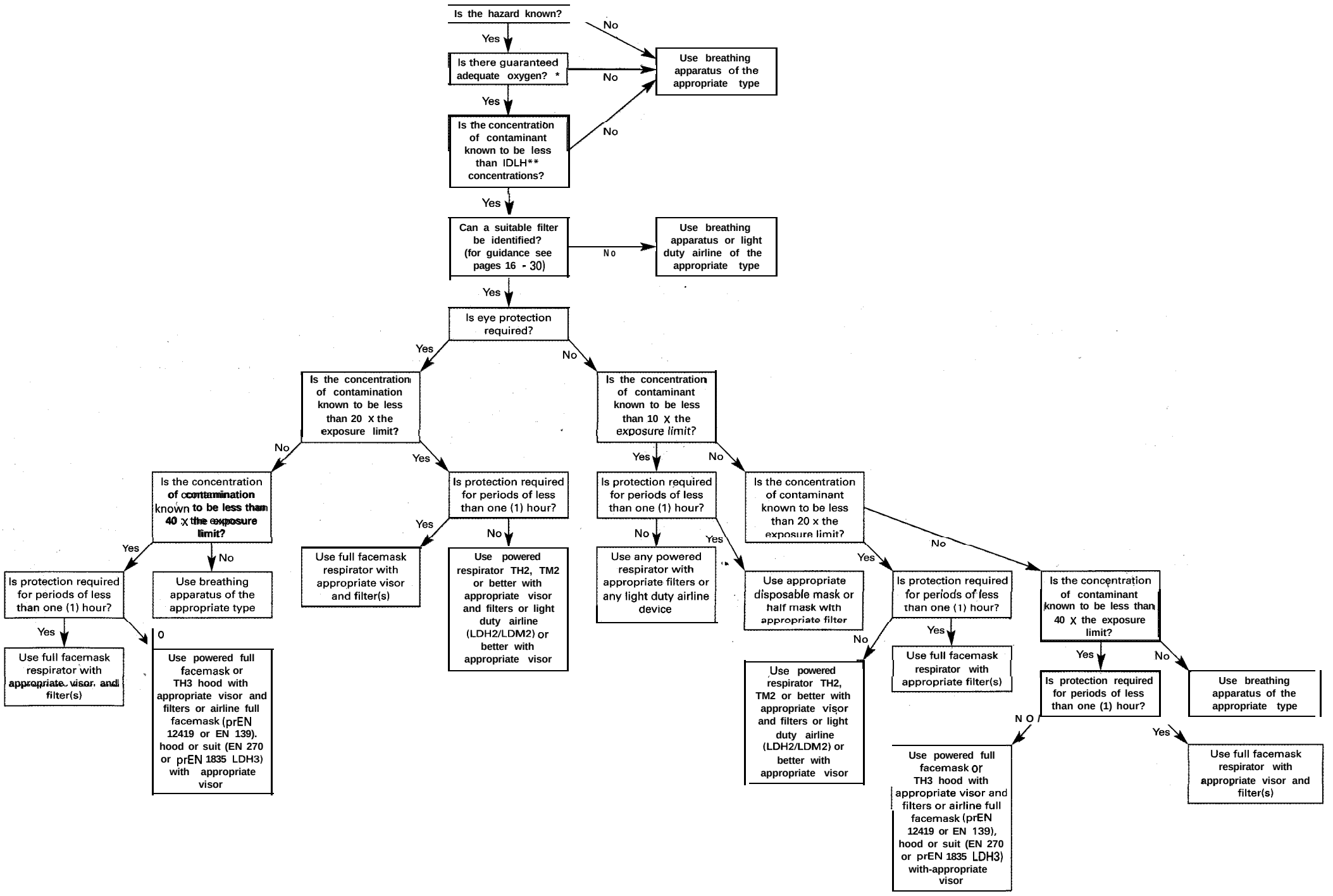
Is the hazard known?
No
Yes
Is there guaranteed adequate oxygen? *
No
Use breathing apparatus of the appropriate type
Yes
Is the concentration of contaminant known to be less than IDLH** concentrations?
No
Yes
Can a suitable filter be identified? (for guidance see pages 16 - 30)
No
Use breathing apparatus or light duty airline of the appropriate type
Yes
Is eye protection required?
Yes
No
Is the concentration of contamination known to be less than 20 X the exposure limit?
Yes
No
Is protection required for periods of less than one (1) hour?
Yes
No
Use full facemask respirator with appropriate visor and filter(s)
Use powered respirator TH2, TM2 or better with appropriate visor and filters or light duty airline (LDH2/LDM2) or better with appropriate visor
Is the concentration of contamination known to be less than 40 X the exposure limit?
Yes
No
Is protection required for periods of less than one (1) hour?
Use breathing apparatus of the appropriate type
Yes
Use full facemask respirator with appropriate visor and filter(s)
Use powered full facemask or TH3 hood with appropriate visor and filters or airline full facemask (prEN 12419 or EN 139). hood or suit (EN 270 or prEN 1835 LDH3) with appropriate visor
Is the concentration of contaminant known to be less than 10 X the exposure limit?
Yes
No
Is protection required for periods of less than one (1) hour?
Yes
No
Use any powered respirator with appropriate filters or any light duty airline device
Use appropriate disposable mask or half mask with appropriate filter
Is the concentration of contaminant known to be less than 20 x the exposure limit?
Yes
No
Is protection required for periods of less than one (1) hour?
Yes
No
Use full facemask respirator with appropriate filter(s)
Use powered respirator TH2, TM2 or better with appropriate visor and filters or light duty airline (LDH2/LDM2) or better with appropriate visor
Is the concentration of contaminant known to be less than 40 X the exposure limit?
Yes
No
Is protection required for periods of less than one (1) hour?
Yes
No
Use full facemask respirator with appropriate visor and filter(s)
Use breathing apparatus of the appropriate type
Use powered full facemask or TH3 hood with appropriate visor and filters or airline full facemask (prEN 12419 or EN 139), hood or suit (EN 270 or prEN 1835 LDH3) with-appropriate visor