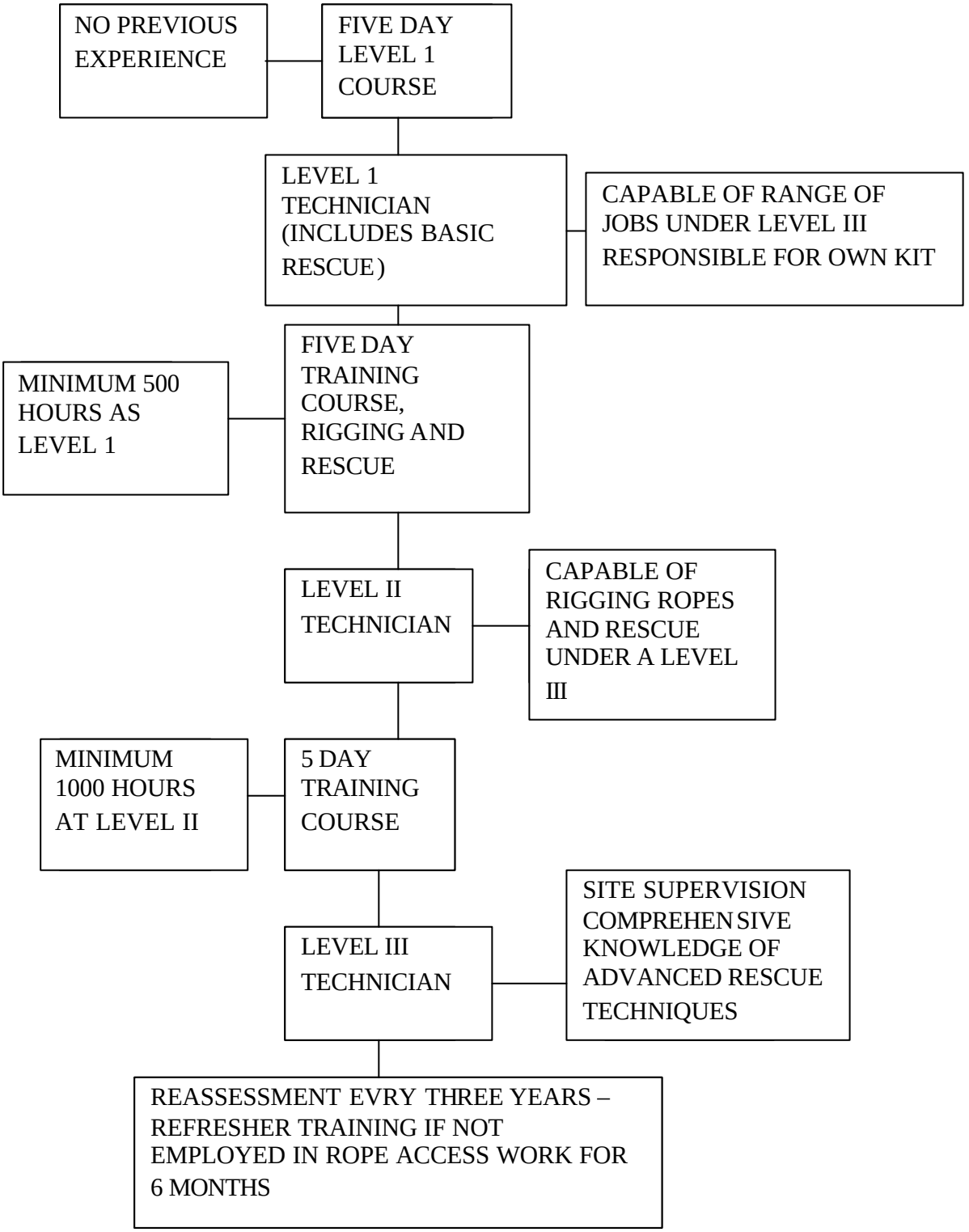ROPELINK FLOWCHART