Case study discussion: Oxygen tank leaks at a hospital; 24 patients die

A hospital plans to install a 500-1000 LPM capacity PSA Plant. The facility assessment report highlights the following details:

1. Hospital has an identified site with a dimension of 7mX7mX5m
2. The site has 3 phase uninterrupted electricity supply
3. The hospital has 100 oxygen beds

Do you think a PSA plant should come up on this site?

Hints: For a 500-1000LPM plant the site requirement is 8mX8mX5m and for a 100-bed hospital the oxygen generation requirement is about 1480LPM. So, points 1 and 3 are not fulfilling the criteria.

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