

# Reaching Impact, Saturation and Epidemic Control (RISE)

## PARTICIPANT HANDOUT- 5.2.1

### 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.**

**Disclaimer:** This document was made possible with support from the United States Agency for International Development funded RISE program, under the terms of the cooperative agreement 7200AA19CA00003. The contents are the responsibility of the RISE program and do not necessarily reflect the views of USAID or the United States Government



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