

'CCS Container '

$$\begin{aligned} \text{a) Density} &= \frac{\text{mass}}{\text{volume}} \quad \text{Mass} = \text{density} \times \text{volume} \quad \text{Mass} = 1100 \times 3.8 \\ &= 4180 \text{ kg} \end{aligned} \quad (2)$$

$$\begin{aligned} \text{b) } V &= \pi r^2 h \\ h &= \frac{V}{\pi r^2} \\ h &= 4.84 \text{ m} \end{aligned} \quad (2)$$