

Plate thickness is 2.5mm
 $M = 1.5\text{kN} \times 30\text{mm} = 45000\text{N}\cdot\text{mm}$
Stress $M/z = 45000 \times 6 / 1000 \times 2.5 \times 2.5 = 43.2\text{MPa}$
While Sap is showing

