

# Staircase construction framing to aid erection

The framing of a staircase will decide if a flight of stairs can be pre-assembled at ground level for modular lifting or if the stairs need to be assembled piece meal at height.

## Disadvantages of a Non-Modular Staircase:-

1. Staircases being erected piece meal will require the steel erector working at height for longer making them more exposed to risk of accidents.
2. Erecting stair treads at height is a dangerous practice and should always be avoided.

## Advantages of a Modular Staircase:-

1. Modular stairs can be assembled at ground level which reduces the erecting time at height making it quicker, easier, safer and more economical.
2. The bulk of the handrail can be already in place so the stairs can be used quicker helping with access for construction.
3. Connecting the stair stringers to the main beam using a plate across the toes type connection means the flight of stair can be lifted and dropped into position vertically making erection quicker, easier and safer.

...Therefore, always frame a staircase to allow for modular erection!

