



Tunnel Form Construction

Clarion Suites, Limerick

Compiled by Treacy Builders Ltd



STEPS INVOLVED

Step 1: 07.00

The Engineer completes a concrete test to make sure that the previous day's pour has achieved the required strength. At the same time, the site team remove the heaters, ties, stop ends and other non-structural work.

Step 2:

When the Engineer gives permission, the tunnels are struck, manually pushed onto the dismantling platform, picked up by the crane, scraped, oiled and repositioned. The procedure is usually completed by 10.30.

Step 3: 10.30

The next phase is to fix the reinforcement, any cast-ins or inserts and the stop-ends on the slab.

Step 4: 14.30

The concrete is poured at around 14.30 each day. This operation can take between 2 and 3 hours.

Step 5: 17.00

After pouring, the curtains are closed and the heaters fired up. Heating accelerates the curing process of the concrete.

The whole exercise is repeated the next morning at 07.00.