

The world's tallest tower !



Dubai, UAE: The world's tallest tower, during the opening was unveiled to a crowd of thousands and the world in a crescendo of fireworks, lasers and fountain displays. The official height of the tower, unveiled as 'Burj Khalifa', was announced as 828 metres (2,716.5 ft). A closely guarded secret, the official height of Burj Khalifa was flashed onto a giant screen before an estimated crowd of more than 400,000, as lasers and fireworks lit up the night sky. Fireworks cascaded from the tower's spire to the base and lasers blazed out from all levels leaving the crowds awestruck.

The height was disclosed in arithmetic progression, with the numbers being flashed onto the screen, one after another. The tower's height breaks all existing world records for tall buildings. Burj Khalifa is the tallest building in the world according to the three main criteria of the Council on Tall Buildings and Urban Habitat (CTBUH).





At 828 metres (2,716.5ft), Burj Khalifa is 320 metres taller than Taipei 101, which at 508 metres (1,667 ft) had held the record for the world's tallest building measured to the architectural top since 2004, the year the project was announced

Burj Khalifa employs a record-breaking 330,000 cubic metres of concrete, 39,000 metric tonnes of steel rebar and 142,000 square metres of glass; and it took 22 million man hours to build. Other world records for Burj Khalifa include the highest occupied floor in the world, at over 550 metres (1,800 ft); the highest outdoor observation deck in the world - At the Top on Level 124; and the tallest service elevator, which travels to a height of 504 metres (1,654 ft).

Burj Khalifa employed the latest advances in wind engineering, structural engineering, structural systems, construction materials and methods. All design considerations took into account the 12,000 people who will live and work in the tower. The handover to residents of the various components of Burj Khalifa began in February.

With a total built-up area of about 6 million sq ft, Burj Khalifa features nearly 2 million sq ft of residential space and over 300,000 sq ft of prime office space, in addition to the keenly awaited Armani Hotel Dubai and the Armani Residences. The tower also features modern lifestyle amenities including clubs, health and fitness facilities, gourmet restaurants and the 124th floor observation deck, 'At the Top.'

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