

Construction Management

1.Statistics of licensed architects

As of yearend 2004, there were a total of 3,122 practicing architects in the Taiwan and Fukien area, showing a slight increase of 2.8% over the 3,037 practicing architects posted in the previous (2003) yearend. A detail breakdown of the total figure would show 3,088 class A architects and 34 class B architects. In terms of geographic location, Taipei City topped the nation with 1,057 licensed architects, followed by Taipei County with (466 architects) and Taichung City (376 architects).

2.Operation and management of the construction industry

As of yearend 2004, a total of 8,822 construction companies have been established in the Taiwan and Fukien area, among which there were 1,617 class A firms, 1,257 class B firms and 5,948 class C firms. In terms of average capitalization, as of yearend 2004 the average capital per firm was NT\$ 33.98 million.

3.Building elevator safety inspection statistics

As of yearend 2004, a total of 330 professional elevator manufacturing firms were in the Taiwan and Fukien area, showing an increase of 8.20% from the previous year (2003). The industry employed a total of 5,653 professional technicians; that is a 2.41% growth rate over the previous year. A total of 116,595 building elevators in the Taiwan and Fukien area had undergone inspection, showing an increase of 7.63% from 2003.

4.Mechanical recreational facilities safety inspection

As of yearend 2004, a total of 320 mechanical recreational facilities were in the Taiwan and Fukien area, showing a decrease of 3.6% from the 332 of previous year (2003). Following the safety inspection the use of 106 units, or 33.13%, was terminated

immediately, the use 214 units, or 66.88%, was permitted to continue, and 192 units were scheduled for periodical re-inspections.

5. Building public safety inspection

As of yearend 2004, the Taiwan and Fukien area employs a total of 2,940 fire safety and fire escape facility inspectors and 2,750 equipment safety inspectors to attend to local building public safety inspections. Compared with the previous year (2003), all categories registered decreases except the “other inspectors” category.

6. Building interior decoration industry

As of yearend 2004, a total of 2,927 interior decoration companies have been established in the Taiwan and Fukien area, showing a growth rate of 5.29% from the 2,780 of the previous year (2003). Among these companies, 2,667, or 91.12%, were design and construction entities; 243, or 8.30%, were construction entities; and 17, or 0.58%, were design entities.

7. Indoor parking spaces of buildings

As of yearend 2004, there were a total of 2,004,840 indoor parking spaces; with 974 for large vehicles, 1,807,771 for small vehicles and 196,095 for motorcycles or scooters. Taiwan Province accounted for 1,293,654 parking spaces; Taipei City accounted for 539,354 parking spaces; Kaohsiung City accounted for 169,932 parking spaces.

8. Issuance of building construction licenses

In 2004 thanks to recovery of the real estate market, 45,934 building construction licenses were issued, showing an increase of 33.3% from the previous year and registering as a new high since 1996. The total floor area was 42,497,000m², up by 49.9% to top the last 7 years.

A closer look at the number of licenses issued by building category reveals that residential buildings came in first, followed by shops and stores (including commercial cum residential buildings) and manufacturing facilities. Building categories that enjoyed growth from the previous year are (in order of the growth rate) hospital buildings, shops and stores (including commercial cum residential buildings), manufacturing facilities, residential buildings, farmhouses and offices. Only schools and warehouses suffered decreases.

9.Issuance of building use licenses

In 2004, 31, 902 building use licenses were issued, showing an increase of 5,323 or 20.0% from the previous year. The total floor area was 27,873,000m², up by 5.2% from the previous year. Since 2002 the number building use licenses issued and the total floor area have continued to grow.

A closer look at the number of licenses issued by building category reveals that residential buildings came in first, followed by manufacturing facilities and shops and stores (including commercial cum residential buildings). Building categories that enjoyed growth from the previous year are (in order of the growth rate): recreational facilities (by 102.1%), schools (by 11.7%) and hospital buildings (by 6.1%). Building categories that suffered decreases are: manufacturing facilities (by 45.9%), warehouses (by 39.7%), farmhouses (by 34.3%), offices (by 27.1%), shops and stores including commercial cum residential buildings (by 26.9%), hotel buildings (by 7.8%) and residential buildings (by 3.4%).

Except Ilan County, Chiayi County, Tainan County, Taitung County, Penghu County, Keelung City, Chiayi City, Kinmen County and Lienchiang County, the total floor area of buildings of over 45 meters in height located in the others 16 counties/cities of the Taiwan and Fukien area in 2004 was 3,850,000m², or 13.8% of the annual total. Compared with the previous year, buildings of over 90 meters in height topped the list

with an increase of 70.8%, followed by buildings of under 7 meters (18.4%) and buildings of 7-15 meters in height (18.4%). On the other hand, buildings of 75-90 meters in height sustained a decrease of 96.0%, followed by buildings of 60-75 meters in height (69.0%) and buildings of 45-60 meters in height (9.1%).