



Cla-Val Fire Products

Protecting life and property

Statue of Unity - Gujarat, India

The Statue of Unity is a colossal statue of Indian Statesman and Independence activist Vallabhbhai Patel, (1875 – 1950). Patel was highly respected for his leadership in uniting the 562 princely states of India to become the single Union of India. Announced in 2010, the statue is the world's tallest at 240 metres and was built to withstand winds up to 180 km per hour and earthquakes up to 6.5 on the Richter scale. The project took 57 months to complete at a cost of US \$540 Million.

Lawson and Toubro were the successful contractor and construction commenced on 31 October 2014. Employing over 3,000 workers and 250 Engineers the colossal statue used 210,000 cubic metres of concrete, 6,500 tonnes of structural steel and 18,500 tonnes of reinforcing Steel. The outer facade is made up of 1,700 tonnes of bronze plates with 565 macro and 6,000 micro bronze panels.

Safety was a critical feature of the design due to the huge numbers of tourists that are expected to visit the statue. Crucial to safety is the fire protection system and critical to the safe and efficient operation of any safety system are all the automatic control valves. Cla-Val was once again chosen to supply the control valves for this prestigious project.

Valves supplied:

- 16 x 150mm Model 90-21 300 Class Pressure Reducing Valves
- 2 X 65mm Model 90 - 21 300 Class Pressure Reducing Valves.
- 14 X 50mm Model 90 - 21 300 Class Pressure Reducing Valves.
- 9 X 25mm model SSL - 60 Pressure Relief Valves.
- 10 X 25mm Model AR34 release valves.

The main contractor saw the benefits of uncompromised quality of the Cla-Val design as well as the strong technical support of the local partner Sharp Solutions.

