



CRITICAL INSTALLTION UNDERTAKEN BY US,

After the disastrous terrorist attack at Hotel Taj, Apolobunder near Gateway of India, M/s. Indian Hotels Ltd., had entrusted with us the job of replacement & capacity augmentation of existing fire water pumps. The work involves design, supply, erection and commissioning of two diesel engine driven pump sets of 107 KW & 149 HP diesel engines, two each of 75 KW & 110 KW motor driven pumps in vertical orientation along with jockey pumps and booster pumps. The task was a challenging one considering the space constraint at the pump room as well as to carry out the installation without disturbing the existing system since the hotel was operational round the clock.

We have designed the layout in such a way that it could accommodate all the equipments including separate switch gear panel as well as day tank of diesel engines for Heritage Wing & Tower Wing of the hotel in an area of 50 sq. mtrs. The layout was prepared considering the Hydraulic Institute Standards' guidelines as well as the space constraints. The major hurdle that we had faced is of shifting the material from the storage yard to the pump room which is around 200 meters away from each other and the available space for shifting was a narrow passage of one meter width where there was continuous movement of men and material. We had managed this task professionally without any inconvenience to anybody.

Further erection work was a very difficult task especially for vertical motor driven pump sets, as the height of pump room was around 2.2 meters and the height of pump set was 2.1 meters. Our expertise and experience has helped us to complete the job to the satisfaction of everybody concerned. All the equipments were installed and commissioned including automation in a record time to the satisfaction of M/s. Indian Hotels Ltd.

