

PRESSURISATION SYSTEM FOR THE IPN (INSTITUTO POLITÉCNICO NACIONAL) IN MEXICO



WHERE:

The Instituto politécnico nacional (IPN) is a Mexican public university dedicated to research and education.

The campus is situated in grounds covering 175 hectares west of the metropolitan area of Pachuca, the capital of the State of Hidalgo (Mexico) known as the City of Knowledge and Culture.

WHEN:

2017

INSTALLER:

Salvador Barraza Arroyo



THE REQUEST:

The project involved the installation of a unit consisting of four e.sybox pumps, DAB's integrated electronic pressurisation system.

This system was designed by connecting two units each consisting of two e.sybox pumps and one e.sytwin pump in parallel, to maximise the flow of the entire water system which can reach 480 l/min.

In addition, due to the compact nature of the e.sybox and e.sytwin, the overall system was reduced to 50% the size of a traditional system. It was possible, therefore, to install a small pumping station in a special area outside the building.

- 4 E.SYBOX



- 2 E.SYTWIN

