

KEEP TOXIC GASES OUT WITH SHARP



Mahanagar Telephone Nigam Limited (MTNL) is a state-owned telecom service provider and wholly owned subsidiary of BSNL headquartered in New Delhi, India. MTNL Provides services in the metro cities of Mumbai and New Delhi and in the island nation of Mauritius. As of January 2019, it has 6.71 million subscribers and had a serious problem at their CGO Complex, 2000 sq. feet Data Centre, source of which was not in their control.

CHALLENGE

MTNL has its 2000sq.ft Data Centre which has a precision air-conditioning system installed to cater the space. There is an open drain running just behind the data centre. Various types of harmful gases like NO₂, SO₂, SO₃, NH₃, H₂S, Cl₂ etc. used to enter the data centre and damage the PCBs which lead to frequent breakdowns and part replacements. The quality of air was in the GX category, which is considered very harmful for the hardware. Sharps challenge was to provide an air purification solution, by bringing the levels to G1, ultimately reducing the frequent breakdowns.

SOLUTION

Sharp knew the quantum of the problem even before the team reached the building. Thus, MTNL was provided with 8 wall mounted FUSS1KE air purifiers for the Data Centre. The units were placed strategically to counter the inflow of toxic air.

RESULT

The strategic placement and the purifying ability of the FUSS1KE s worked well for the data centre, bringing down the toxins and maintaining the same within the permissible International standard. A NABH approved laboratory was appointed to check the indoor air quality at various intervals. The testing was done over a period of 8 months. MTNL acknowledged that the units have succeeded in improving the air quality and complaint levels had come down drastically.

