



INDIA'S DELHI INTERNATIONAL AIRPORT ADMINISTRATION BUILDING

THE BUILDING

84 Taylor Devices Seismic Dampers were installed, each damper rated at 85 tons force

All dampers mounted on building exterior

Upgrade done to insure that building has immediate occupancy after a major seismic event

Dampers had non-linear output for best performance in a concrete structure

OWNER

Delhi International Airport Pvt. Ltd.,
A Division of India's GMR Group

ENGINEER OF RECORD FOR RETROFIT

Miyamoto International
New Delhi, India
Taylor Devices, Inc.

SITE ENGINEER

Sandeep Donald Shah
Taylor Devices - India

PHOTO COURTESY

LEFT AND RIGHT PAGE Sandeep Donald Shah, Alan Klembczyk

Dampers had long heavy wall steel extenders which went through sections of the concrete to steel attach plates. Thus, damper loads were distributed over multiple floors.



Taylor Devices VP of Sales and Engineering, Alan Klembczyk and the building owner's representative inspect damper fit and clearances to entrances and structural wall.



An "in situ" Retrofit – The existing reinforced concrete building remained occupied and in service at all times during damper installation.

