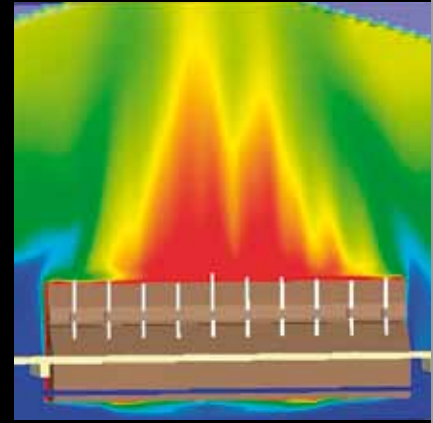




Hindalco Industries Ltd Singrauli & Sambalpur



Case History

PROJECT:
LOCATION:
THE COLT SOLUTION:
COLT PRODUCTS USED:

Hindalco Industries Ltd
Singrauli & Sambalpur, India
Gravity ventilation
Colt Labyrinth



Hindalco Industries Limited, the metals flagship company of the Aditya Birla Group, is the world's largest aluminium rolling company and one of the biggest producers of primary aluminium in Asia. With these new smelter power plants Mahan in Singrauli (Madhya Pradesh, India) and Aditya in Sambalpur (Orissa, India), Hindalco has expanded its capacity for production of aluminium.

The Mahan Aluminium Project is a smelter power plant complex that boasts a 359-ktpa aluminium smelter and a 900-MW captive thermal power plant.

Aditya Alumina and Aluminium Project is a greenfield integrated aluminium complex. The project includes a 4.2 million-tpa bauxite mine, 1.5 million-tpa alumina refinery at Kansariguda and 359-ktpa smelter at Lapanga. The refinery is expected to produce 2 million tpa within three years of its startup.

COLT ROOF VENTILATORS

Colt International has been awarded for design, engineering and supply of static roof ventilators.

Its worldwide network, experience and ability to perform in every climate in the world make Colt International a trustworthy and capable partner in gravity ventilation.



Colt can provide a unique design that is adjusted to the requirements of the customer. This means that we can design in the maximum possible airflow and also provide a performance guarantee. This performance is supported by our Computational Fluid Dynamics (CFD) that confirms how the Colt Labyrinth will perform by simulating flows of heat.

LOCAL ASSEMBLY

Colt International has delivered the roof ventilators to the two different project sites of Hindalco Industries Ltd where

the installation is done by a local company. The design allows local personnel to successfully install the static roof ventilators.

Colt International
www.coltsmelters.com

Colt Gravity ventilation

