



CASE STUDIES

Triveni
TURBINES

World's Largest Producer of Metal in Seoul, South Korea



Turbine Details

Powered by
23.9 MWe
Condensing Steam Turbine
Generating Set

Project Highlights

- ⊗ It is the world's no.1 producer of Zinc with production of 1.14 million tons of Zinc an year
- ⊗ The requirement was to operate turbine in both, superheated (45 bar, 450 Deg C, 100 TPH) and saturation steam (40 bar, 250 Deg C, 100 TPH) case which have inlet from 3 different sources

Challenges

- ⊗ The delivery time for the turbine was 7.5 Months FOB basis
- ⊗ The last stage blades are designed to withstand the wet steam and provisions made to remove the water by providing water pockets in last stages for saturation case operation
- ⊗ Triveni Turbines' high efficiency impulse - reaction steam turbines will increase complete plant efficiency

**POWER TO SUSTAIN
DREAMS**

THANK YOU



www.triveniturbines.com

