

## Crescent Chemicals Ltd. (CCL)

### Project Summary

**Project Type:** CO-GENERATION

**Commissioning Date:** May 2019

**Company Overview:**

CCL is the sister concern of Opsonin Pharma group of companies, with strong footprint as one of the biggest supplier of sulphuric acid in Bangladesh.

**Location:** Karamtola, Pubail, Gazipur, Bangladesh

**WHRB Details:**

Enmax WHRB - 2X80tpd @45 bar,g &400 Degree

**STG Details:**

MAN Turbo STG - 515 KWe

### Technical Summary

Crescent is a chemical plant, producing 160 tpd of Sulphuric acid. In the process, high temperature waste gas of volume 16,008 kg/hr @ 625 Degree is generated. This very highly corrosive waste gas was not utilized because of its corrosive nature. Kaltimex worked out the technology to recover the heat from the corrosive gas by installing a Waste Heat Recovery Boiler operating at high pressure and producing steam 8 tph at 45 Bar & 400 Degrees. This HP steam is utilized for producing electric Power 515 KWe. The output of low pressure steam at 8tph@ 155 Degree is used again for processing.

The Carbon credit footprint is achieved by producing power as well as the LP steam, saving 653 m3/hr of natural gas by utilizing the highly corrosive waste gas.



### Contact Us

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