

# CASE STUDY

A large capacity plant of a multinational-steel making company in East India



## Problem

Wear and tear of the converter resulting from thermal shocks, chemical attack and physical damage during scrap charging in the converter

## Objective

To increase life of the converter

## Solution

Installation of Forbes Marshall slag splashing system on existing oxygen blowing system for splashing the generated slag on the original refractory so it acts as a working liner.

## Benefits

- Increase in the lining life of the converter
- Reduced stoppage due to increase in converter volume, resulting in better yield
- Rapid de-phosphorisation
- Reduction in flux due to recycling of steelmaking slag
- Precise nitrogen flow control according to recipe