

# Blast Furnace Volume Expansion Project

This project increases the capacity of a blast furnace from 2560m<sup>3</sup> to 3200m<sup>3</sup>. The expansion involves significant modifications and additions to the existing furnace structure.



## Project Overview

### Blast Furnace Capacity Enhancement

This industrial engineering project focuses on the systematic volume expansion of existing blast furnace infrastructure. By increasing the internal capacity from 2560m<sup>3</sup> to 3200m<sup>3</sup>, the project significantly enhances production throughput and operational efficiency. The scope involves complex structural modifications and engineering upgrades designed to optimize metallurgical performance.

## Technical Specifications

### Capacity Metrics

**640 m<sup>3</sup>**

Net Volume Increase

**25 %**

Percentage Increase

Initial Volume

2560 m<sup>3</sup>

Expanded Volume

3200 m<sup>3</sup>