



स्टील अथॉरिटी ऑफ इण्डिया लिमिटेड
STEEL AUTHORITY OF INDIA LIMITED
भिलाई इस्पात संयंत्र
BHILAI STEEL PLANT

No: DGM (O)/BFs/09/239

Date: August 06, 2009

To Whom So ever, it may Concern

Subject: Performance Certificate of Supply & Application of Blast Trough Castable in BF No: 5, Tap Hole No:1 , Bhilai Steel Plant, Steel Authority of India Limited.

Our Ref No: A/T No:

1. For Supply: 01/BHI-07/85.4/(016)/20704865 dtd 29/10/2007
2. For Application: 01/BHI-07/85.4(016)/20704866 dtd 29/10/2007

We have placed captioned order on M/s Tata Refractories Limited, Belpahar for 300 MT supply & application of Blast Furnace Trough Castable for BF No: 5, Tap Hole no: 1 for 10 repairs.

Purchase Order Terms:

Repair Time Allocated= 96 hours

Min. Straight Life Guaranteed= 1,20,000 Tons of Hot Metal Throughput (THM)

Performance of M/s Tata Refractories Limited at BF: 5, Tap Hole No: 1.

Repair No	Repair Time Executed	Trough Castable Used	Life Achieved (in THM)	Achieved On
1 st Repair	82 hours	30 MT	1,27,588	21 st Jan 2008
2 nd Repair	70 hours	30 MT	1,47,983	31 st March 2008
3 rd Repair	70 hours	30 MT	1,20,212	4 th June 2008
4 th Repair	70 hours	30 MT	1,23,977	10 th August 2008
5 th Repair	70 hours	30 MT	1,22,254	4 th Oct 2008
6 th Repair	70 hours	30 MT	1,28,353	1 st Dec 2008
7 th Repair	70 hours	30 MT	1,24,291	3 rd Feb 2009
8 th Repair	70 hours	30 MT	1,27,550	6 th April 2009
9 th Repair	70 hours	30 MT	1,22,349	4 th June 2009
10 th Repair	76 hours	30 MT	Running at 1,22,962	As on 5 th August 2009 at 6 AM.
Net /Total	Throughput	Achieved	12,67,519	Tons of Hot Metal

Total Throughput in Tons of Hot metal,

Achieved as on 5th August 2009 at 6 AM = 12, 67,519 THM

We hereby certify that M/s TRL Performance is Very Satisfactory

For Bhilai Steel Plant, SAIL.

(Shankar Dutta)

Dy.General Manager(O),BFs