



# FOUNDRY QUIZATHON

By: Mr. Sivakumar Subbarayan  
Plant Head | Pitti Castings Pvt. Ltd.

Quiz Prizes Supported By



Test your Basics on Lining & Refractories  
Supported By | Shamlax Meta-Chem Pvt. Ltd.

**Last Date of Submission: 28th September 2023**

1) % of Alumina in Melting furnace Neutral lining material.

- a. 80 to 85%
- b. 10 to 20%
- c. 5 to 10 %
- d. 3 to 12 %

2) Boric acid % in Melting furnace Acidic lining.

- a. 10 to 15 %
- b. 25 to 35 %
- c. 40 to 50 %
- d. 0.9 to 1.3 %

3) Type of Former used for Steel melting furnaces?

- a. Straight type former
- b. Elephant foot former
- c. Glass type former
- d. Cross type former

4) Maximum Sintering temperature for Steel melting furnace?

- a. 1400° C Max
- b. 1550° C Max
- c. 1700° C Max
- d. 1650° C Max

5) How much quantity of lining material is used with respect to Furnace capacity?

- a. 50 % of Furnace capacity
- b. 65 % of Furnace capacity
- c. 55 % of Furnace capacity
- d. None of the above

ANSWER KEY - LINING	
Q#	Answer
1	a
2	d
3	c
4	c
5	a

## How to Participate in the Foundry Quiz:

**Option 1)** Scan the QR Code to Start the Quiz and fill out the basic details, click next, answer the questions and then click on submit

**Option 2)** Send answers to the following questions on [western.region@indianfoundry.org](mailto:western.region@indianfoundry.org) with basic details (Name & IIF Membership No.)

Winner will be based on first one to answer the maximum correct answers



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