

Three cautions for steel casting manufacturers to produce high-quality slag pots

The slag pot is an important piece of equipment for steel making, which is used to contain the high-temperature slag produced during iron and steel smelting processes. It is a bowl-type container with trunnions on the sides.

Xinxiang Great Wall Casting (CHAENG), as a large steel casting manufacturer, has rich experience in manufacturing slag pots for the metallurgical industry. In order to meet the needs of different users for weight and performance, CHAENG will determine the appropriate casting process according to the user's drawings and tailor different types of slag pots.



Slag pot is one of CHAENG's leading products. From process to casting, from cleaning to processing, the production process is tight and orderly, which guarantees product quality and delivery time.

To ensure the quality of the slag pot, steel casting manufacturers must meet the following three conditions:

1. Standard wooden model and special paint layer

Standard wooden models are used, and the surface of the core is brushed with a special coating layer to prevent cracking, ensuring a smooth and smooth surface of the casting.

2. Strict chemical composition inspection

(1) Use high-quality scrap steel raw materials and auxiliary materials, and strictly test the composition before production.

(2) During the smelting, three samplings are carried out before the furnace, as-cast, and after the furnace, and the spectrometer imported from Germany is used for testing to ensure that the composition is qualified.

3. Professional flaw detection

The trunnion seat, pot flange, support, tilting ear, and other parts are all inspected by flaw detectors to ensure the internal quality of the slag pot.

CHAENG mainly provides customized process service of large steel castings required by various industries such as building materials, metallurgy, forging, hydraulics, and mining. We will insist on ensuring product quality from design, casting, inspection, management, etc., and improve our competitiveness.

[Xinxiang Great Wall Casting Co., Ltd \(CHAENG\)](#)

Office Add: Mengzhuang Town, Huixian City, Henan Province, China

www.partscasting.com

Email: casting@chaeng.co

WhatsApp/Wechat: +8618737831240

Tel.: 86-371-55019878

skype: GreatWall1958