

## Metal casting technology today



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**Dry mold technology:** In the dry molding technology molds if fresh are dried in kilns brought about 5am before pouring is also known as a dry campus

Here introduce the technology you water glass sand mold curing carbonic gas. Glass of water, also known as sodium silicate solution was mixed before grinding into sand molds. After the mold was finished, spray Carbon dioxide goodbye to mold hardens. It is due to the chemical reaction between sodium silicate and water and carbonic gas (reaction between alkali and acid) technology water glass sand molding easy to do, easy to use products with less residual machining, molding solid has been widely used in most casting company in the nation. Only downside is the rebirth of sand is to be noted

### Technology template fire

This is based on new technology than traditional methods. To cast one product, we need to manufacture such products by polyesteron, then put into molds and pour into the dry sand, combined with the vacuum, the mold will harden. When pouring metal into molds Polyesteron will fire and liquid metal fills the mold (can easily refer to the actual factory Hanoi Engineering, Institute of Technology 25 Vu Ngoc Phan)

In addition to the dry core technology and sintering was done on automatic machines for productivity and efficiency

### Resin sand mold technology

This is new technology for sand processing plant was 1 layer of plastic wrap. When producers bring sand mixed with formaldehyde acid, would be cold curing resin sand mold or mold sand will be brought heated curing resin sand mold hot

### Furan Technology

This is a technology chain that Japanese companies preferred because the sand will be mixed with furan resin and acid, mold will solidify very good, the product has a smooth surface but the problem is environmental pollution work because the plastic smell is toxic furan  
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window.__gcfg = {lang: 'vi'}; (function() { var po = document.createElement('script'); po.type = 'text/javascript'; po.async = true; po.src = 'https://apis.google.com/js/plusone.js'; var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(po, s); })();
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