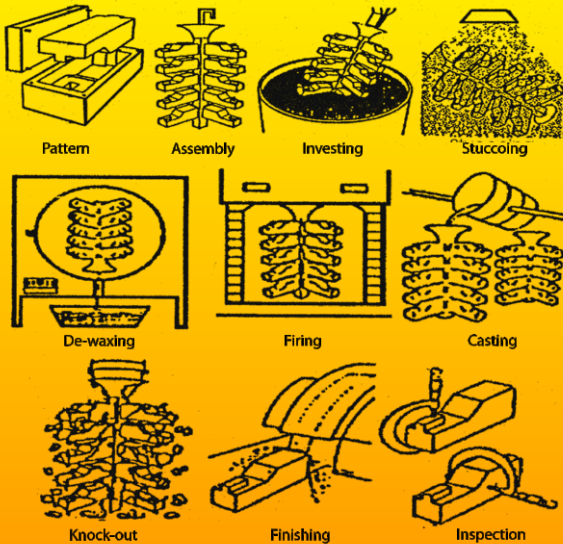
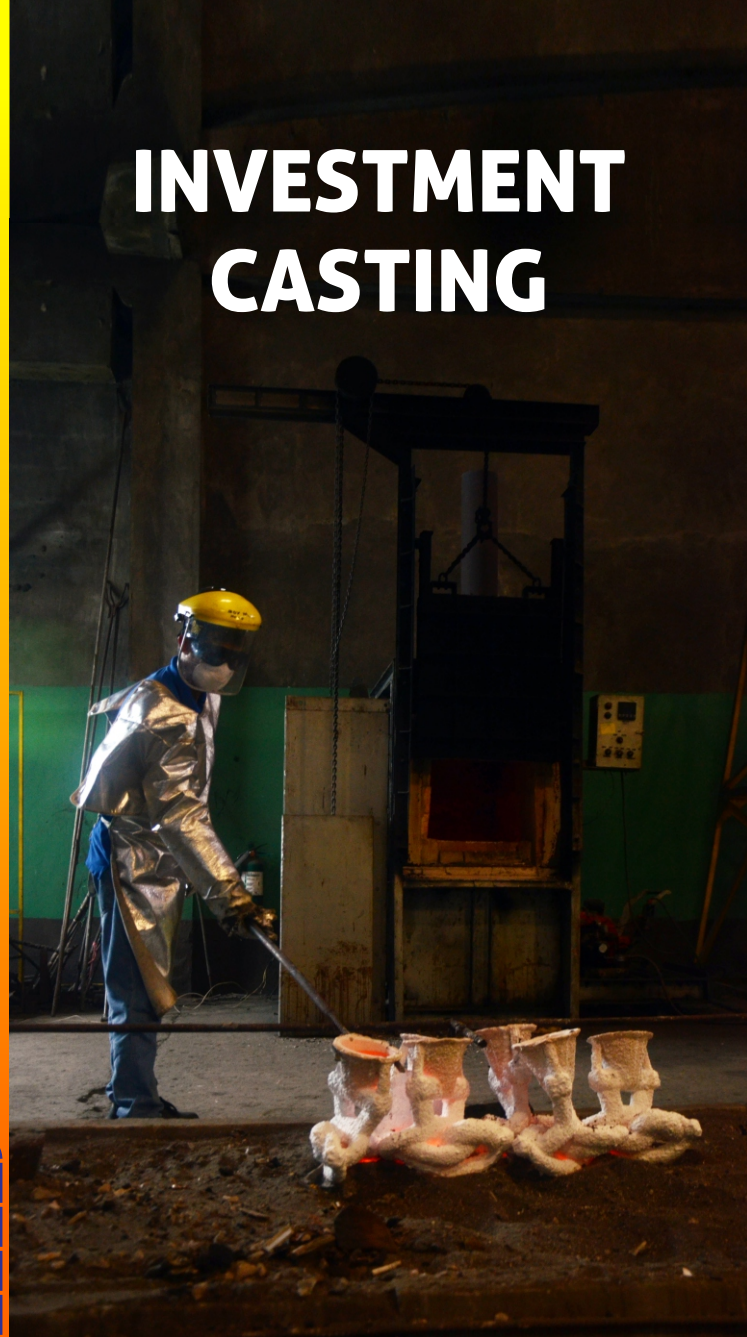


Process Flow:



INVESTMENT CASTING



for more information, please write, fax, call, or email:



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METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

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Precision casting methods using disposable patterns, often made of wax, are referred to as "investment casting". It is a very old process dating back as far as 4000 B.C., and used particularly in artwork applications of bronze. Full utilization of the process for industrial purposes came about during World War II where precision parts were needed for arms and aircraft application. Later, its application was expanded to nonmilitary metal parts, in particular, hard to machine or forged components.

