



QUALITY ASSURANCE



Quality Assurance



Quality Assurance for Casting Blank:

- Quality control for casting blank starting from reasonable design of pattern. Engineer will simulate by software to find the best position of pouring gate and suitable number of vent outlets.
- Second key point of quality assurance for casting blank is inspection of chemical composition of molten iron. Chemical composition strictly match with required ratio.
- Pouring way, pouring speed also take very important roles during making good casting blanks, all controlled well by our trained operators.
- Quality checking for casting blank rely on a variety of non-destructive and destructive tests in house and/or at certified test laboratories:

Our efficient production processes enable customers to quickly capture **market share** and seize new **business opportunities**.

- Visual inspection
- Complete spectral analysis of each casting batch
- Mechanical/physical properties
- Metallographic examination
- Digital radiography/x-ray
- Penetration test/magnetic particle test
- Dimensional inspection by means of coordinate measuring machine/gauges
- Test bar stored and archived for later quality tracking at least 1 year
- All test and measuring equipment is subject to constant monitoring.