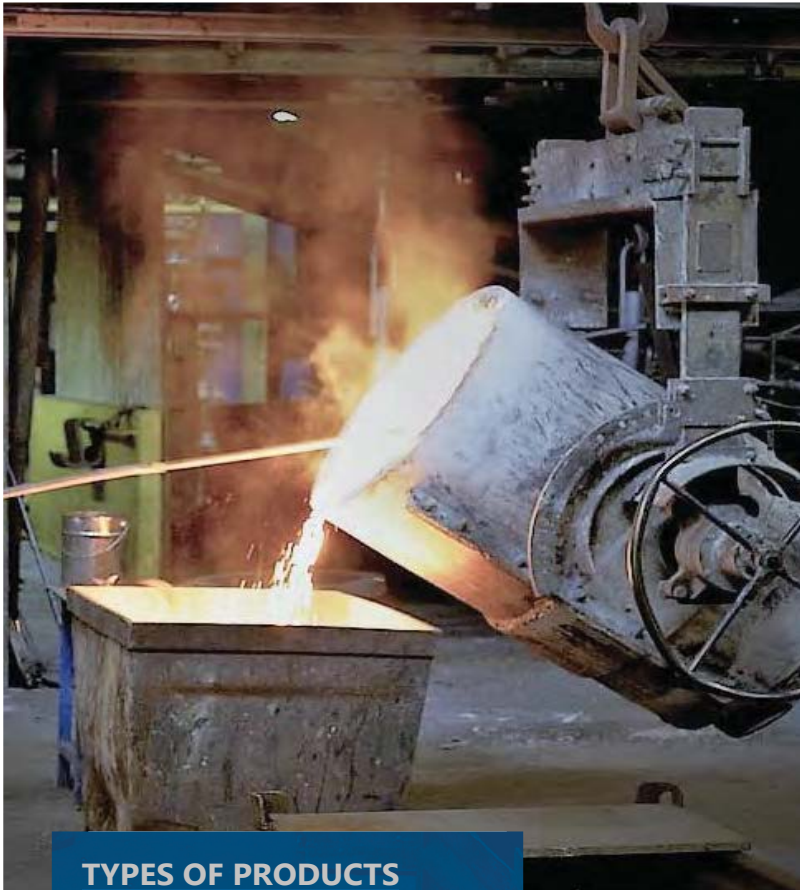


Excelling in Heavy Industry since 1987



TYPES OF PRODUCTS

- ✦ SPECIALTY CUSTOM PRODCUTS
- ✦ SLURRY PUMPS - MINING
- ✦ ANSI PUMPS - PULP/PAPER
- ✦ API PUMPS - PETROCHEMICAL
- ✦ API/ANSI VALVES, CLARIFIERS,
- ✦ CYCLONES, TUBE BUNDLES,
- ✦ HEAT EXCHANGERS,

Manufacturing Process

- ✦ SOLIDWORKS 3D PROFILING
- ✦ ASTM/AISI MATERIALS
- ✦ CNC 5 AXES MACHINING
- ✦ QC CERTIFICATIONS
- ✦ STATIC/INVESTMENT CASTING
- ✦ XRAY/ZYGLO/DIE PENETRANT
- ✦ SPIN TESTING FACILITIES
- ✦ DIN/GB/ASTM/AISI MATERIALS
- ✦ FLOW/HIGH PRESSURE TESTING

intMPE'S Manufacturing Group of factories hold the following Certifications; ISO-9001:2008, ISO-9001:2015 and GB/T 19001:2008 and GB/T24001-2004 Quality Management System Certification and ISOI 4001:2004 Environmental Management System Certification and GB/T28001-2011/OHS ASI 8001:2007 OHSMS Certification. API Spec Q1 and Specification 6D Valve Certification.

We have on staff Metalurgists, Mechanical & Instrumentation Electrical Industrial Engineers, many with hands on experience working in Heavy Industries such as;

Mining, Power Generation, Chemical and Petrochemical Industries. SolidWorks 3D design staff and state of the art manufacturing technologies.

State of the Art Heavy Manufacturer



Heat Treatment Equipment

- (1) Electric Oven, 4 sets, respectively 600kw, 420kw, 320kw and 200kw, Maximum capacity: 15 tons, highest temperature: 1050 centigrade degrees, maximum area: 4.5m x 3.0m x 1.5m
- (2) Well Type Oven: 1 set, 190kw, dia.900mm x 3100mm
- (3) Medium Frequency Quenching Oven: 1 set, dia.105mm x 1300mm (shaft)

QUALITY ASSURANCE Inspecting Equipment

Chemistry analysis:

Besides common chemical analyzers, Canamera also has type DV-4 BAIRD photoelectric direct reading spectrograph imported from Germany., oxygen & hydrogen testing instrument, and nitrogen gas testing instrument.. Chemical composition analysis can be done here for carbon steel, steel alloy, cast iron alloy, ductile iron, copper alloy, natural rubber, synthetic rubber and etc.



Microstructure analysis: we are equipped with type; Neophot-32 microstructure microscope made in Germany, which can do analysis for microstructure of metal material.

Mechanical property:

It is equipped with universal material tester, impact tester, tension tester, hardness meter and etc., with which we can do mechanical property test for metal material and rubber material.

Measurement:

It is equipped with length meter and universal tool, microscope as well as energy-saving interferometer, spectrophotometer, photographic optical gauge, which can measure length, angle, roughness and etc..

TESTING FACILITIES

Hydrostatic, Zyglo, Dye Penetrant, Magnaflux, Xray GENERAL

The pump test station consists of high voltage pump test station and low voltage station. The test rig locates inside house.

1. High Voltage Pump test Station(Voltage: 10KV, 6KV, 3KV) shop area: 42x15 = 630 m2 volume of water tank:

- One 396 cum 6m deep water tank locates in the shop . There is also one 22m deep well of 2m dia. (for testing submersible pumps). (this water tank connects through with that at the low voltage pump test station)

- One 2800 cum water tank locates outside the shop, the deepest level is 8m below surface level.

- lifting equipment: 30t hoist, one set.
- lifting height from the floor: 13m
- voltage: 10kv, 6kv, 3kv
- max. Power: 2400kw
- max. Size of pump tested: 1200mm
- max. Water pressure: 12mpa

2. Low Voltage Pump Test Station (Voltage: 380V) shop area: 42x21=882 m2 volume of water tank:

- One 518 cum water tank (connecting through with the water tank in the high voltage test station), the biggest depth is 6.5m below surface.

- One 163 cum water tank , the deepest level is 4m
- lifting equipment : one 10t and one 5t hoists.
- lifting height from the floor: 7m
- voltage: 380v
- max. Power: 300kw
- max. Size of pump tested: 400mm
- max. Water pressure: 4mpa

MOTOR USABLE FOR PUMP TEST:

- 3000rpm 1.1—160kw
- 1500rpm 3 —300kw
- 1000rpm 7.5 —710kw
- 750rpm 11 -- 245kw