



# XZX

## A BRIEF INTRODUCTION

ADVANCED FLUID CONTROL

# 1. WHO IS XZX?

- Founded in 1980. About **110** employees and **36000** m<sup>2</sup> factory area.
- Provide high quality valves, fittings and process analyzer system for:



**Power Plant**



**Petrochemical**



**Natural Gas**

**Etc.**

## 2. WHAT WE HAVE DONE?

- product quality as top priority

Major manufacturing facilities		
Equipment name		QTY
Machining	CNC Lathe	60
	Machine center	2
	CNC Taping center	4
	Other thread rolling/milling/drilling machine	12



## 2. WHAT WE HAVE DONE?

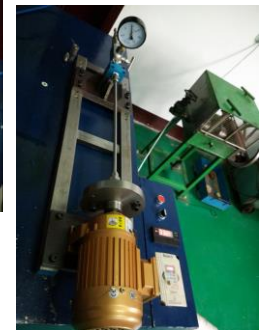
- product quality as top priority

Major manufacturing facilities		
Equipment name		QTY
Demension inspection	2.5D measurement equipment	1
	Surface roughness measurement unit	1
Material analyzing & test	Spectrograph & spectrometer	1
	Rockwell Hardness M/C	1
	Brinell Hardness M/C	1
	Vicker Hardness M/C	1
	Shore Hardness M/C	1
Marking	Laser marking machine	1
	Roller marking machine	2
	Computer DOT marking machine	2

## 2. WHAT WE HAVE DONE?

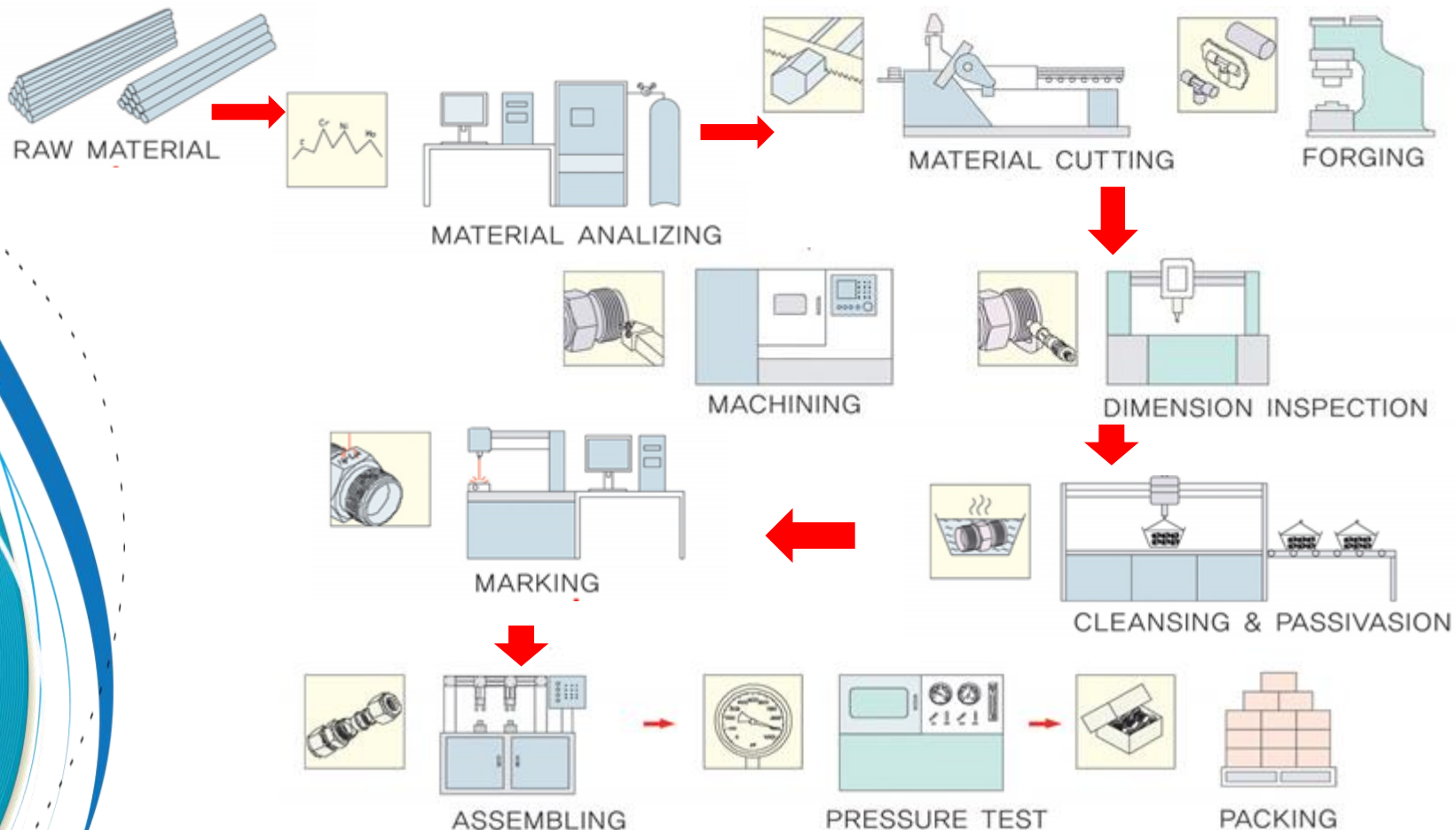
- product quality as top priority

Major manufacturing facilities		
Equipment name		QTY
Pressure test	Nitrogen pressure test M/C - 600Bar	1
	Hydraulic valve test M/C – 3000Bar	1
	Hydraulic valve test M/C – 6000Bar	1
	Vibration test M/C	1
	Burst test M/C	1



# 2. WHAT WE HAVE DONE?

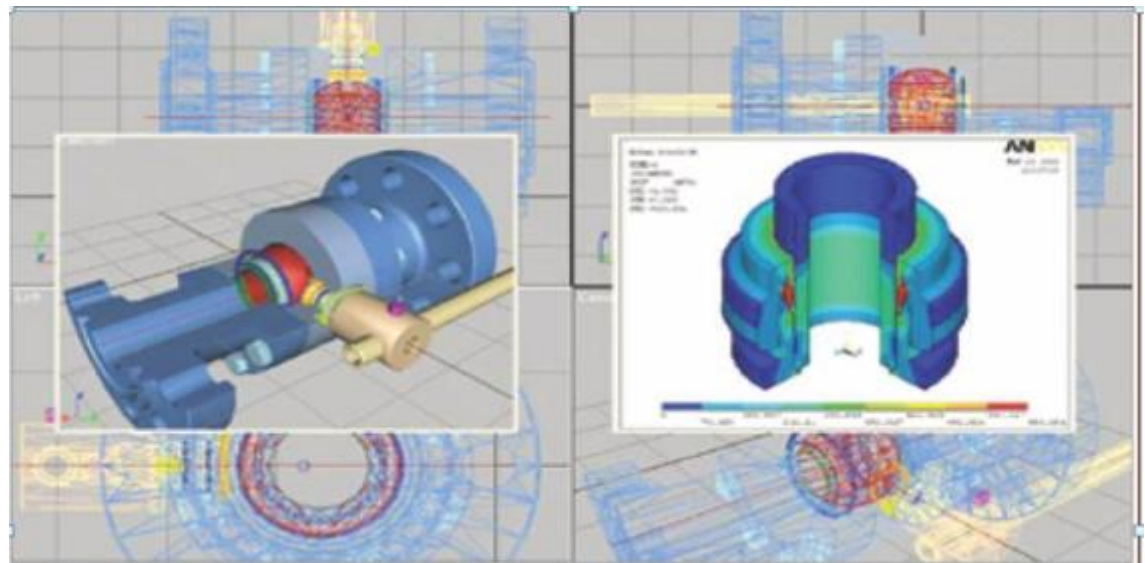
- product quality as top priority



## 2. WHAT WE HAVE DONE?

- product quality as top priority

VFK has been investing over 4% out of total annual turnover into R&D, so that secures excellent technology development



# 2. WHAT WE HAVE DONE?

## ■ Certifications



ISO 9001:2008



OHSAS 18001:2007

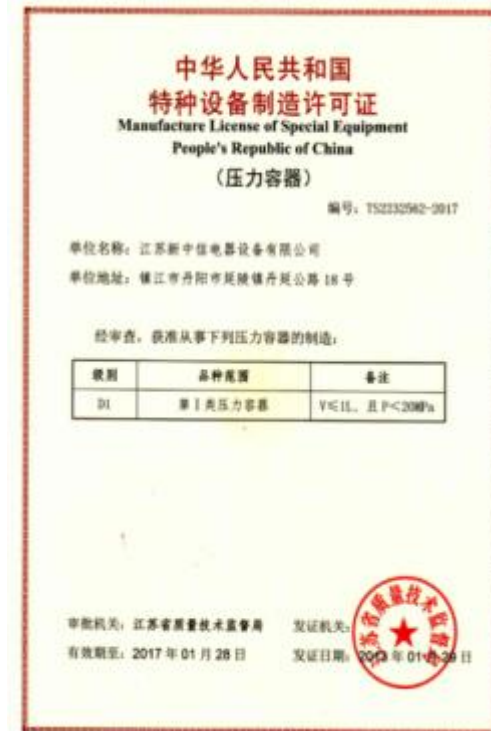


ISO 14001:2004



# 2. WHAT WE HAVE DONE?

## ■ Certifications



TS license  
(high pressure conduit, connection, vessel etc.)

# 2. WHAT WE HAVE DONE?

## ■ Certifications



API 602:  
License number 602-061



## 2. WHAT WE HAVE DONE?

- Test reports
  - Fitting :  
ASTM F1387-1999(2012)
  - Valve fugitive emission test:  
ISO 15848-1:2015  
API 624-2015
  - Valve fatigue test:  
JB/T 8861-2004  
GB/T 13927-2008

# 3. WHAT WE PROVIDE?

## ■ Products

### Tube fittings

- Temperature range: - 325~ 1000 F( - 200~ 538 C)
- Silver plated nut
- Special treatment on back ferrule



### Needle Valve

- Two-stem design: thread hardened upper stem and smooth surface hardened lower stem
- Upper stem thread lubricant isolated from system media
- Linearly instead of helical movement.
- Safety back seating seal in fully open position

# 3. WHAT WE PROVIDE?

## ■ Products

### Ball valve

- Smooth and low operating torques
- Bi- directional flow for 2- way valves
- Tested at 1.5 times the working pressure with water.
- Tested with nitrogen for leak- tight performance maximum working pressure(over 6000 psig)



### Gauge Valve

- Working pressure: stainless steel, up to 6000 psig (414 bar)
- Working temperature: PTFE packing: -65 F to 450 F (-54 C to 232 C)
- Non-rotating lower stem, ball tip and plug tip designs

# 3. WHAT WE PROVIDE?

## ■ Products

### **Block and Bleed Manifolds( DBB)**

- Design is hydraulic pressure tested in accordance with API 598 and EN 12266-1.
- Fire-tested design in accordance with API 607 and BS 6755 part 2
- Flanged connections comply with ANSI B16.5 RF and RTJ
- Pressure ratings in accordance with ANSI B16.34 up to 6000 psig (414 bar)



### **Manifold**

- Working pressure: stainless steel, up to 6000 psig (414 bar)
- Orifice: 0.157 (4.0 mm), CV: 0.35
- Two stem design.

# 3. WHAT WE PROVIDE?

## ■ Products

- Y-pattern globe valve
- Filter, quick connectors, check valve, relief valve, purge valve, vessels etc.



# 4. WHO ARE CUSTOMERS?

