

Project References

Overseas
APOC PDH/UTOS
POLAND POLIMERY POLICE PDH/PP PROJECT
UPM-EOS PROJECT
NEW EUROPEAN PDH KALLO PROJECT
MOCD2 PROJECT
OLEFINS FACILITY
NEW PTA COMPLEX PROJECT
BC HPM PROJECT
NBA PROJECT
UNITED EO/EG III PROJECT
ARKEMA SYMPHONY PROJECT
CELANESE PANTHER
LTBP B PROJECT
ATB-PU PROJECT
BPC MALAYSIA
EVONIK ME6 PROJECT
FORMOSA POINT COMFORT EXPANSION

China
FUJIAN INDUSTRY PARK PROJECT
WANHUA FUJIAN PVC PROJECT
WANHUA FUJIAN MDI PROJECT



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Fine Chemical System

Fine chemical plant



Application Characteristics of Fine Chemical Valve in System

Valve Type	Characteristics	Advantage
Gate Valve	<ul style="list-style-type: none">It is mainly used for fluid flow or cut-off in pipeline usually not as flow regulationSmall flow resistance and reliable sealing	<ul style="list-style-type: none">The erosion of sealing surface is smaller than globe valve;Bi-directional torque sealTight shut off
Globe Valve	<ul style="list-style-type: none">Mainly used in isolation, drain and throttling conditions	<ul style="list-style-type: none">The stroke is short and the height space required is smaller the Gate valveEfficient manufacturing process and easy maintenance
Check Valve	<ul style="list-style-type: none">Mainly used on non-return pipeline and protect important equipmentSwing, piston, dual plate etc. diversified options	<ul style="list-style-type: none">Different valve types available for various chemical service conditions with good flow performance and easy operation
Ball Valve	<ul style="list-style-type: none">Mainly used for guiding and cutting off in pipelines;Suitable for quick open and close conditions	<ul style="list-style-type: none">It is a wide and common used valve type for fine chemical industry with high flow performance, reliable Sealing and easy operationAccording to the different sealing structure it can also be used for suspended solid particles, crude fluid
Butterfly Valve	<ul style="list-style-type: none">It has approximate equal percentage flow characteristics and is suitable for pipelines with low flow regulation and pressure loss requirementsSuitable for frequent or emergency operation conditionsBi-directional	<ul style="list-style-type: none">Because of its compact structure, it is suitable for the occasion of limited installation and operation space, usually it's the first choice for large size piping

Application

Typical fine chemical industry mainly consists of corrosion, toxic, high temperature and pressure, flammable fluids features, which ask for specific valve type and structure for better suitable application.

Low Temperature Methanol and Fuel Gas Unit



High Temperature and Pressure Unit Service



Oxygen Service

High Frequency Operation Ball Valve



Fine Chemical

As a well-known international industrial valve manufacturer, Neway is dedicated to the production and R&D of industrial valves. Neway is committed to providing complete industrial valve solutions to all industries through advanced engineering and innovation.



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