



C H Tan – Business Dev Director

BJVP Blending Technology

Beijing VP Co.,Ltd.



Company Profile

About us

Beijing VP Co.,Ltd has a headoffice in Beijing. The factory is located in Wen'an Economic Development Zone, Xiong'an New Area, Hebei Province, covering an area of 40 acres.

The company has technical development, production, assembly, and testing capabilities, with more than 50 patented technologies and has won multiple awards.

Our company has offices in Singapore, Hong Kong and other places, as well as agents and customers in the Asia Pacific region, Middle East, Central Asia, Eastern Europe and other regions.





BJVP Production Facility with Machine Tools and various type of Equipment for complex machining and fabrication



Testing Facility for Pump, Pig Launcher, Pig Receiver, T-Valve, Middle Station, Manifold and Drum Decanting Unit

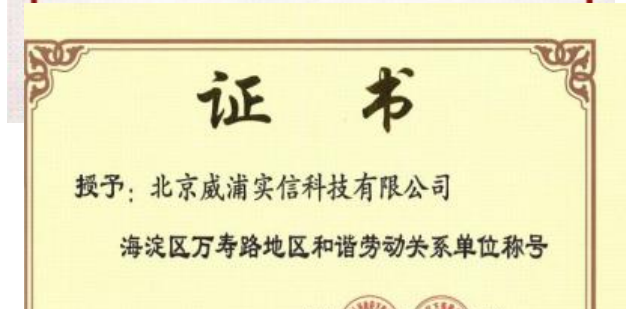
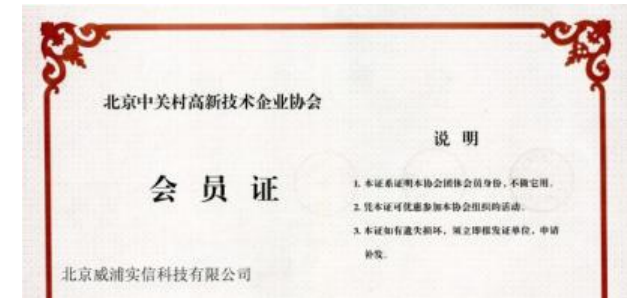
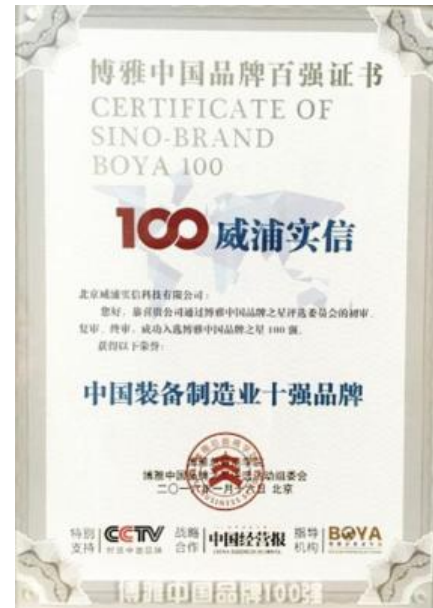
Software Development and Test Center

BJVP control center is equipped with a comprehensive set of software and hardware for DCS control, where control systems are tested before shipment.

Remote Control service and support is available to the customers.



PATENT

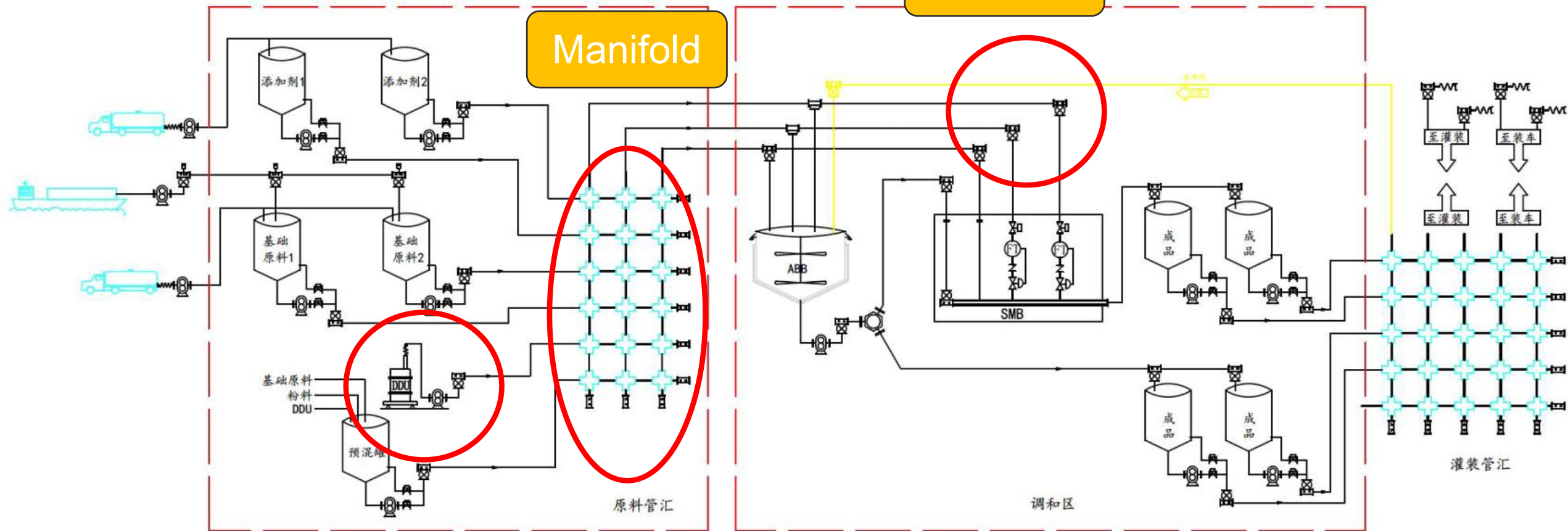


BJVP Product Overview

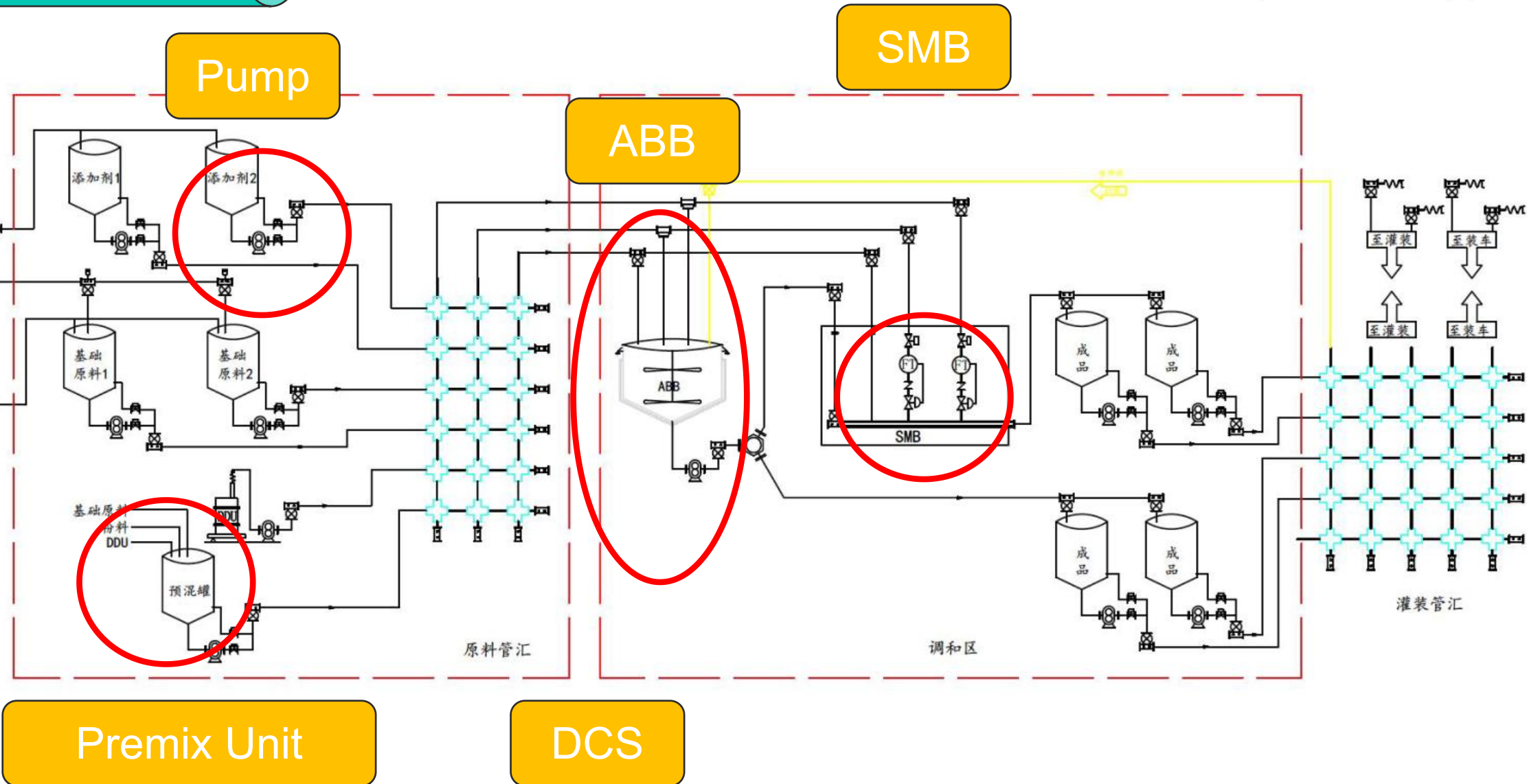
Pigging

Manifold

DDU



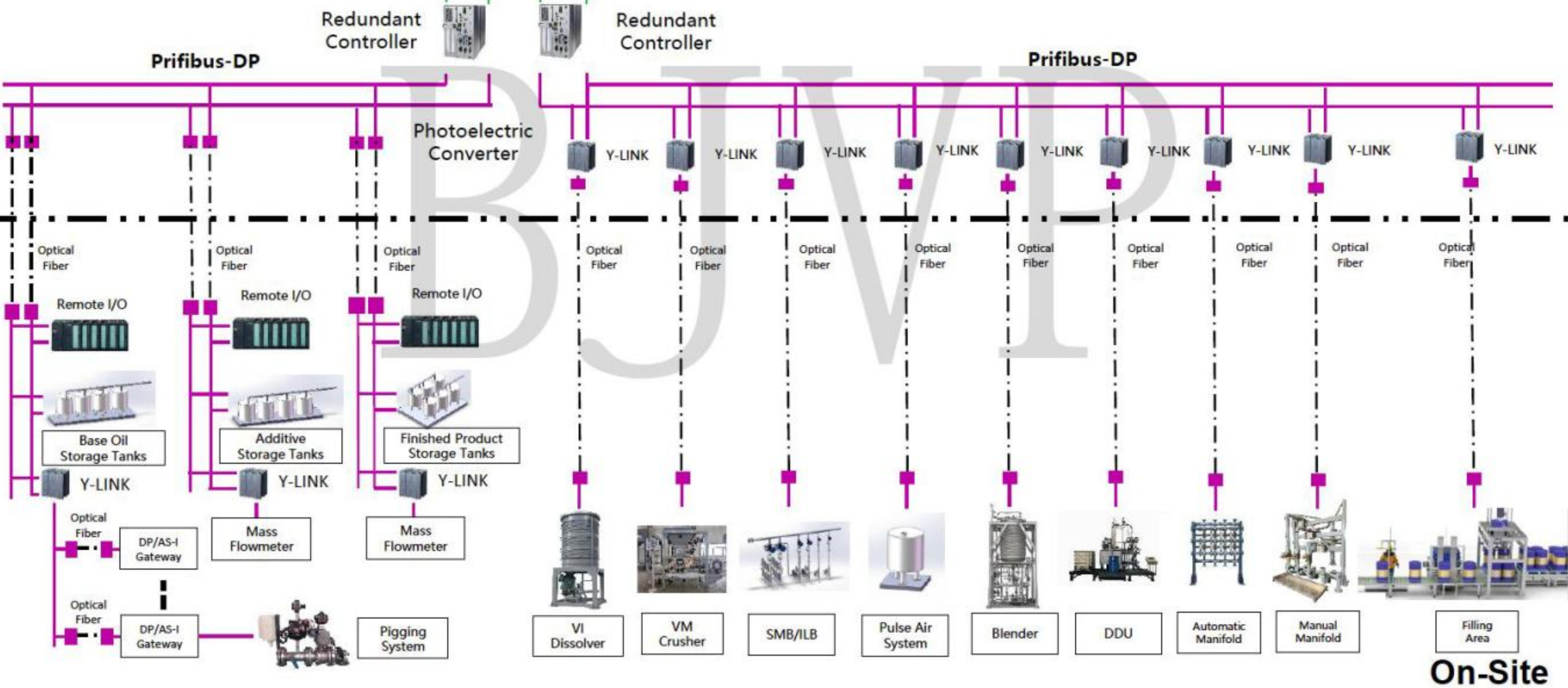
BJVP Product Overview



DCS架构图

Loop Industrial Ethernet

Loop Industrial Ethernet



BJVP
DCS
System
Topolo
gy



Pigging System

Function of a Pigging System

Clean up the remaining liquid in pipeline

No cross contamination when transferring different liquids

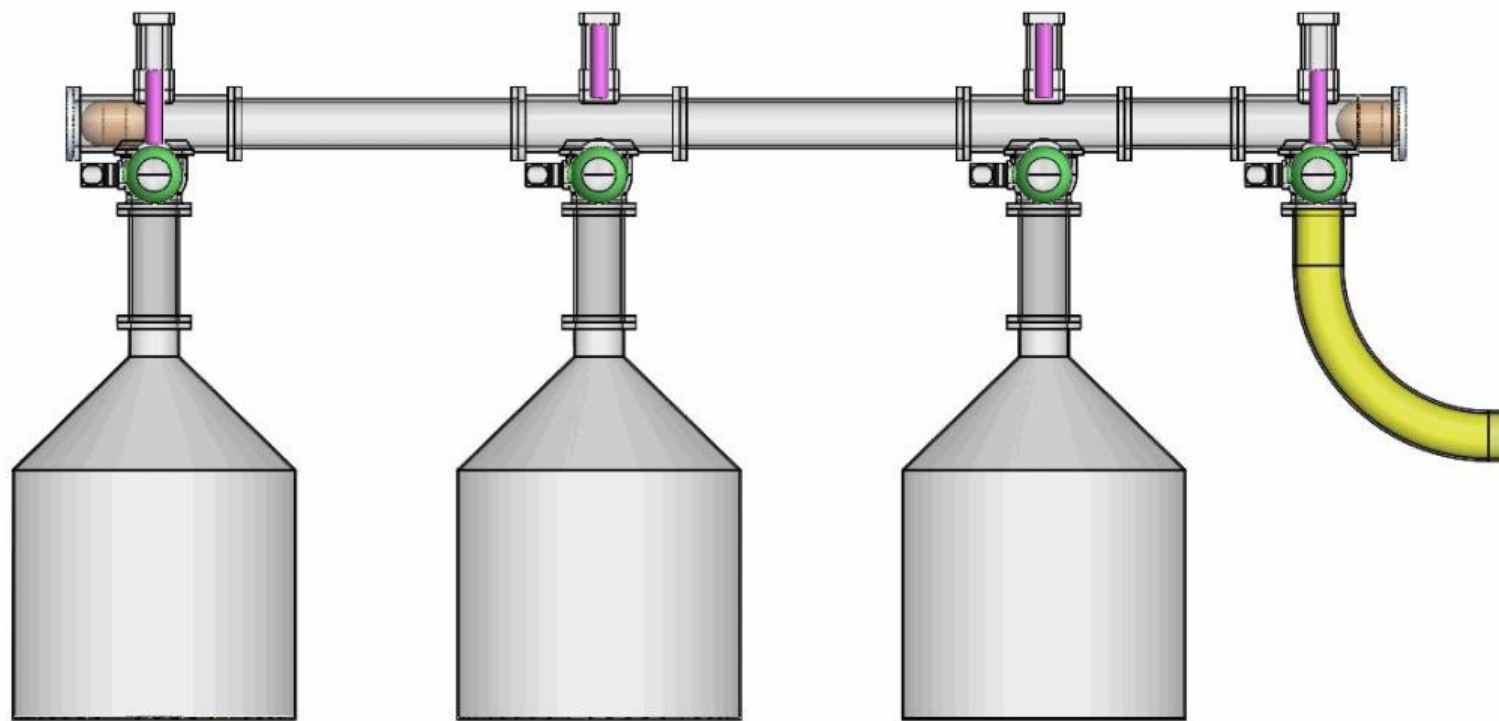
The pigging system can be controlled automatically

When the liquid transfers through the main pipe, the remaining liquids can be swept to any designated branch pipe so that the cross contamination will be avoided

Easy to operate, capable of adaption.

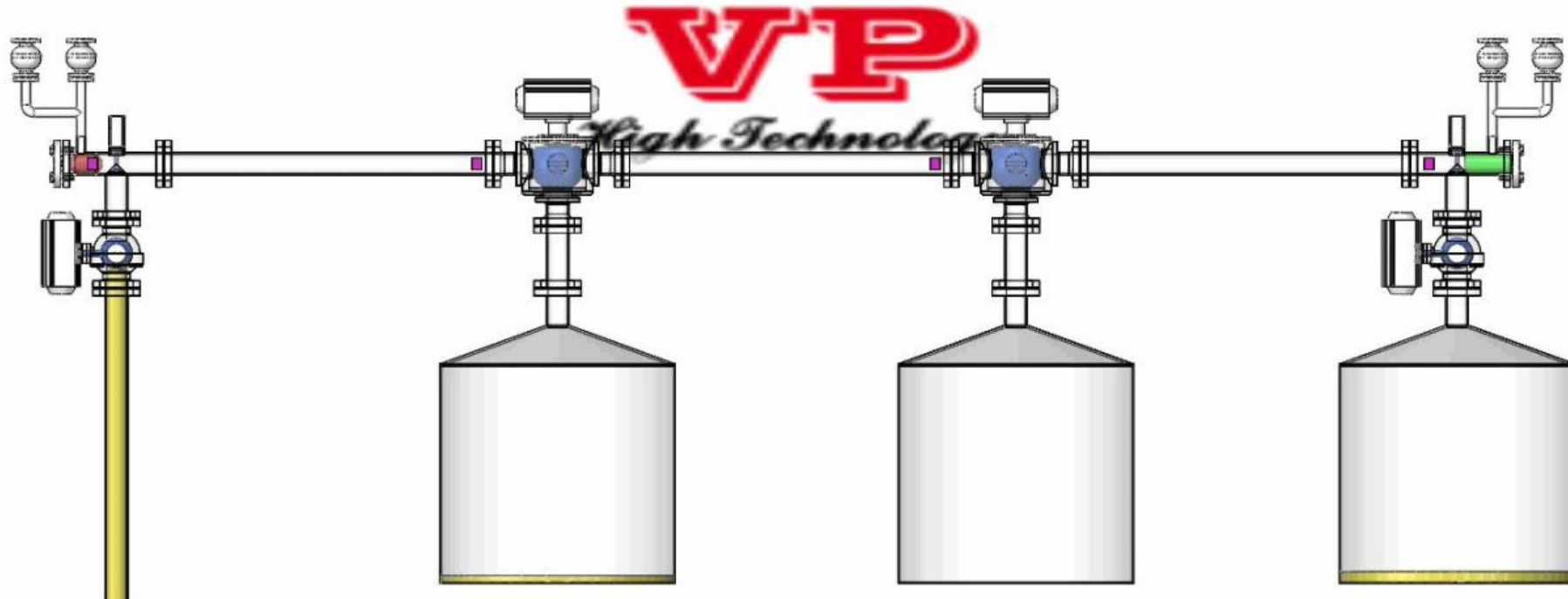
Widely used in the field of lube oil, additives application.

VP Pigging Principal



VP Pigging Demo-T Valve

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VP Pigging Line

球扫现场视频



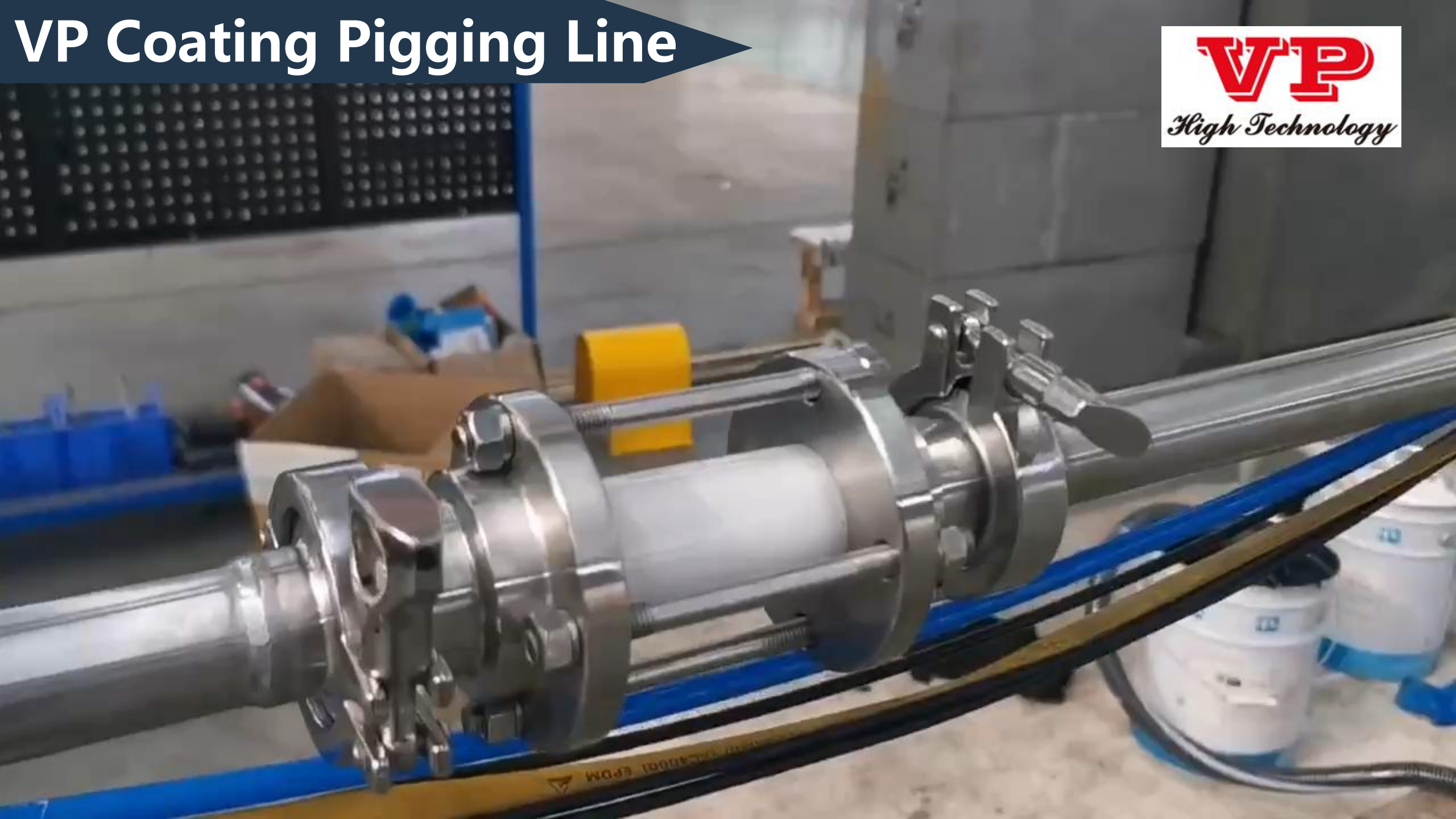
VP 北京威浦实信科技有限公司
High Technology Beijing VP Co., Ltd.



管线清扫通球系统

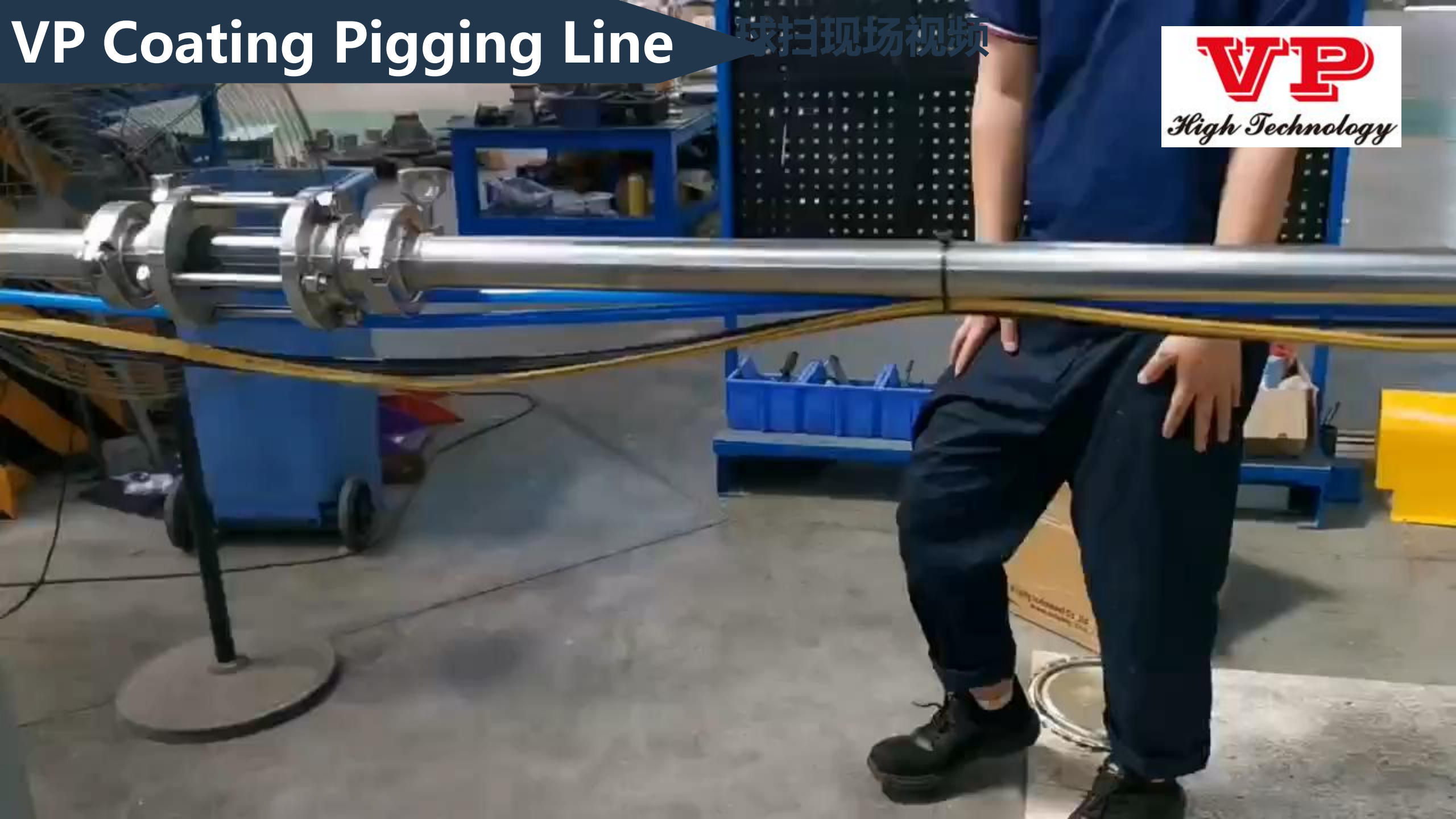


VP Coating Pigging Line

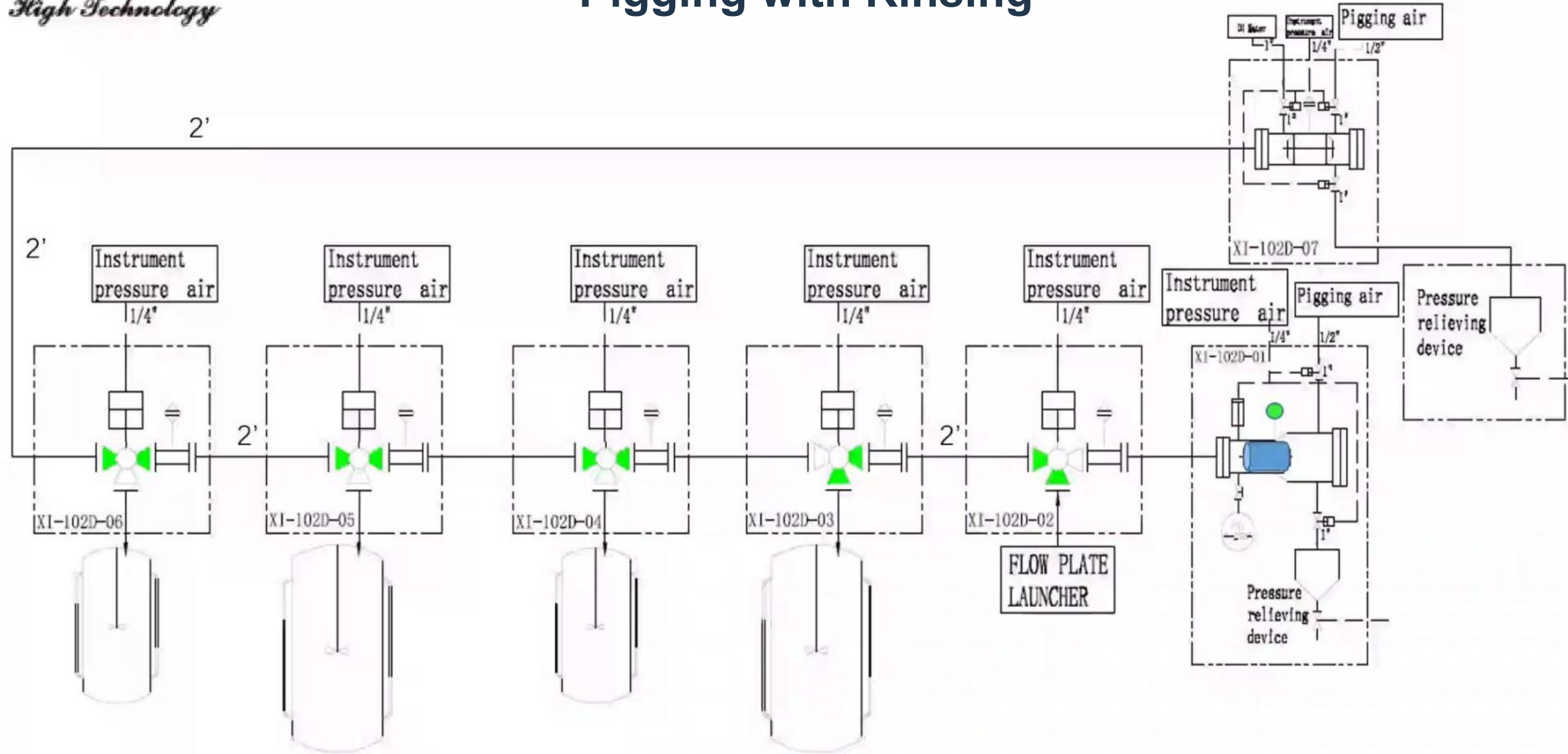


VP Coating Pigging Line

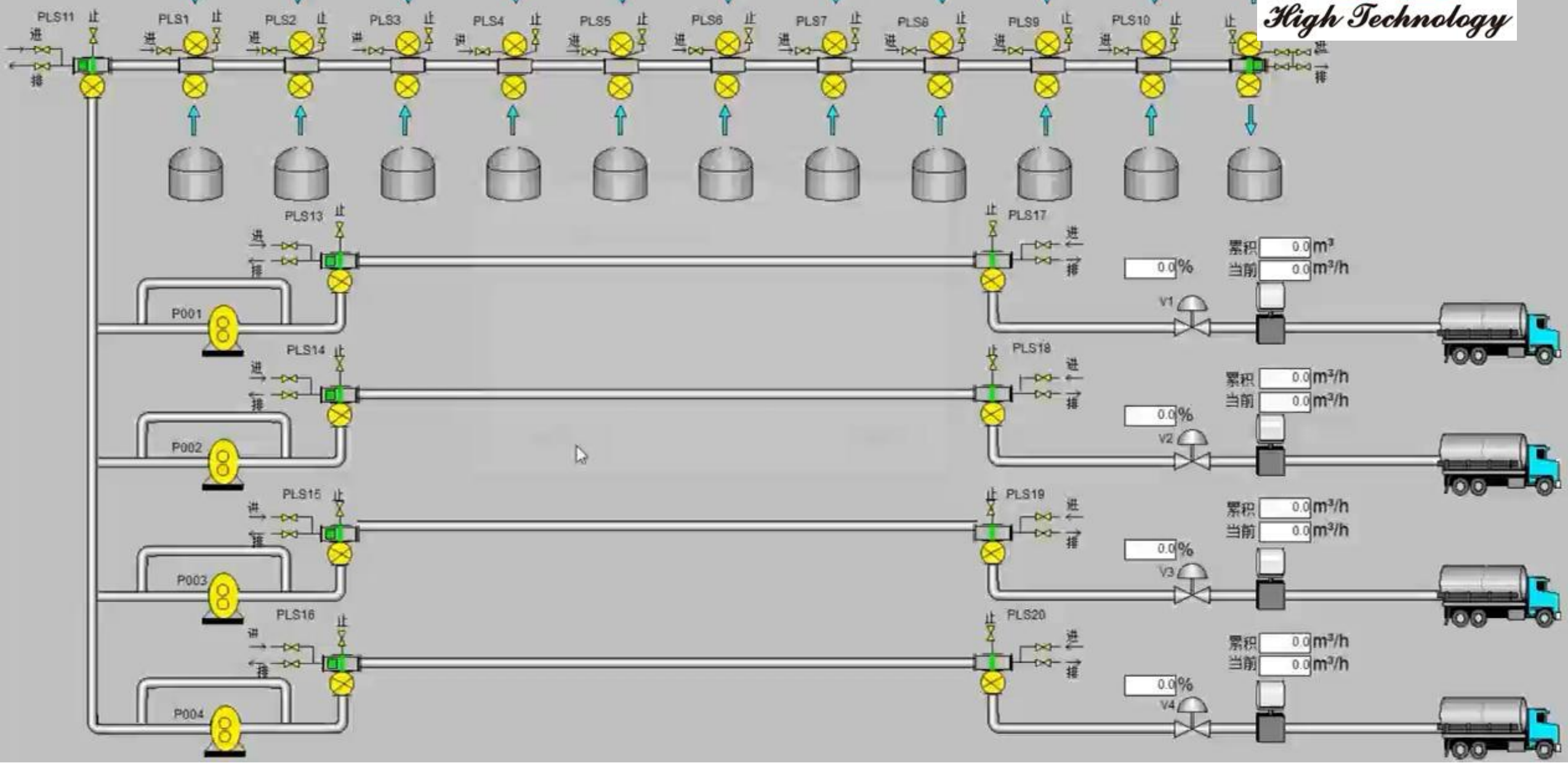
全球扫描现场视频



Pigging with Rinsing



VP Pigging Demo



Main Equipment in a Pigging System

- VP Pigging system has automatic/Manual function.
- The pigging station status is monitored by PLC.
- Product valve on/off
- Air line valves status.
- Pig location monitor



Launcher



Receiver



3-Way Valve



Middle Station



Pig Stop

Pig



- Composite PU 聚氨酯复合材料
- Fluoroelastomer 氟橡胶
- Silicon Rubber 硅橡胶
- Steel Brush 钢刷

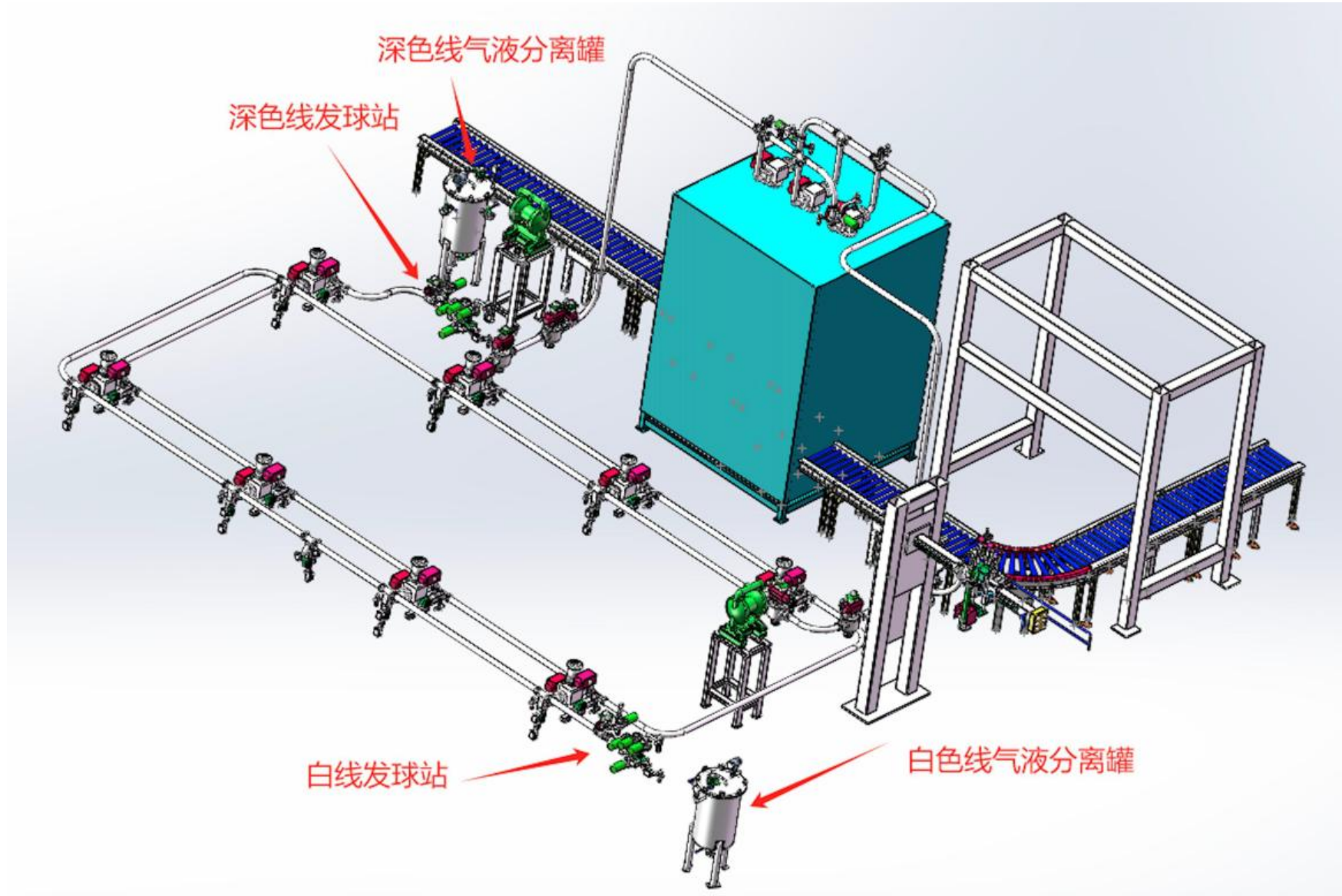
BJVP Pig is designed by BJVP and made the world most advanced PU technology in France.

BJVP developed various material to fit for the right application.

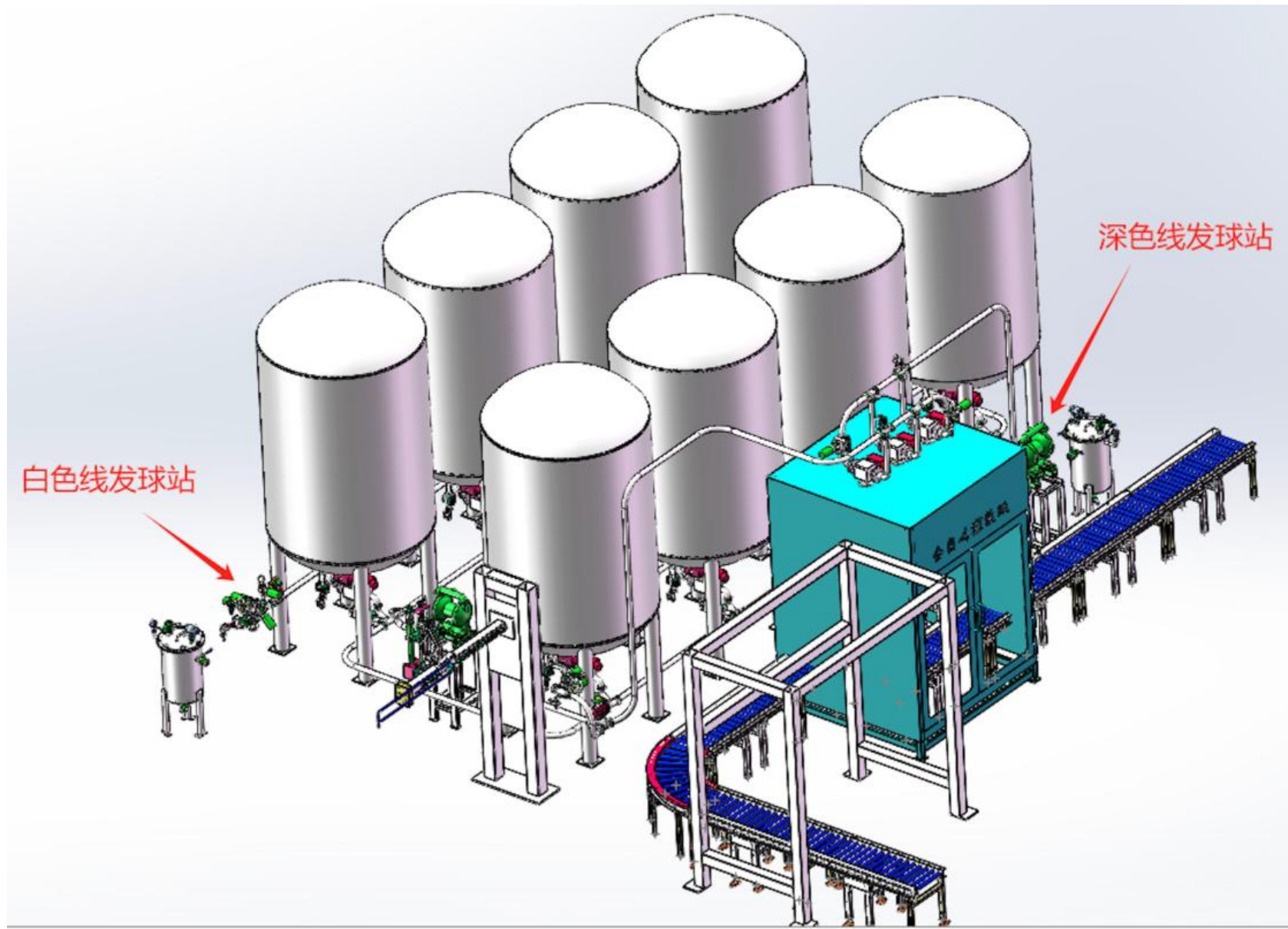
The lip seal is separated with the pig body. Lower cost for the maintenance.

VP Pigging Line

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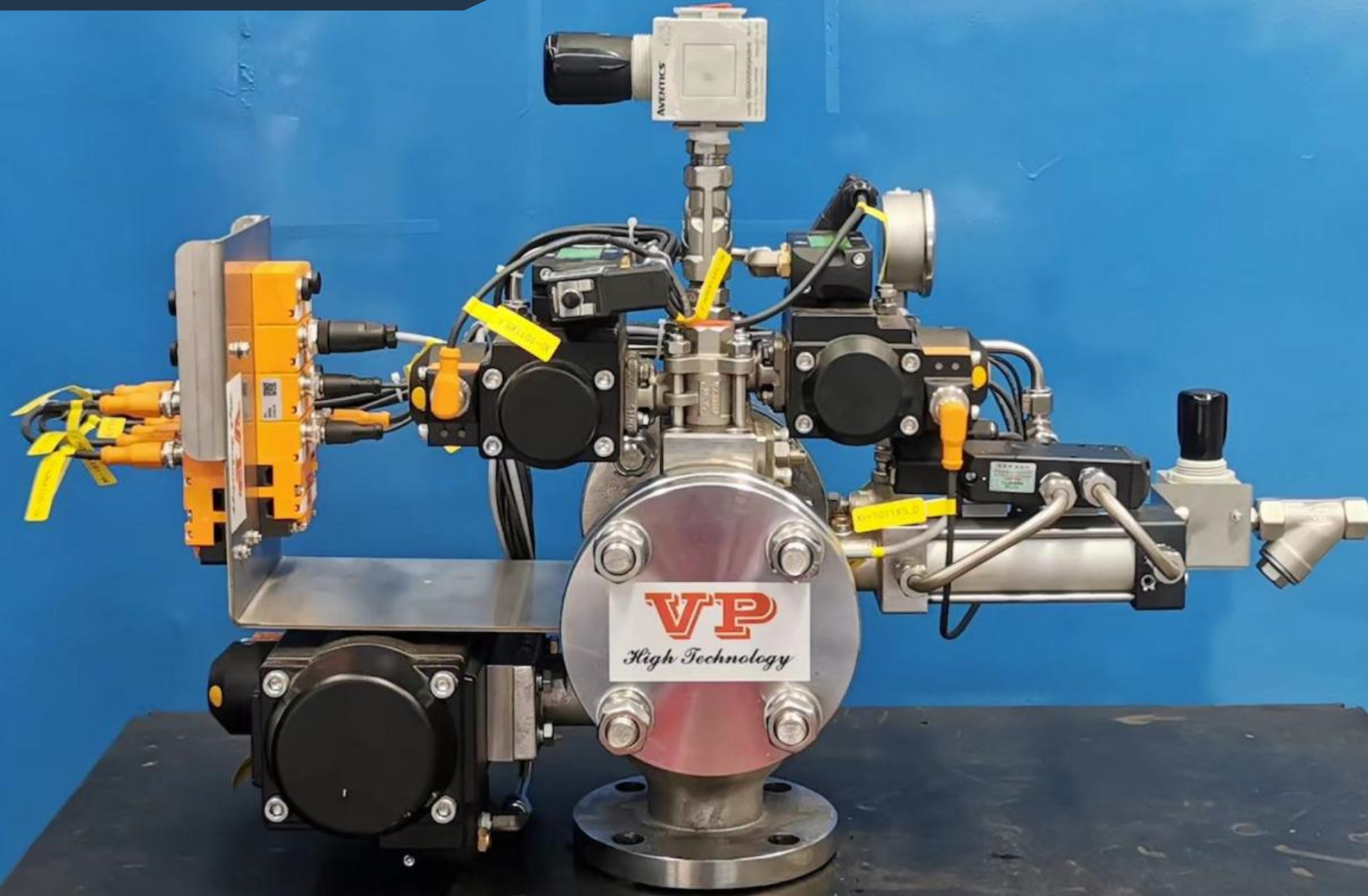


VP Pigging Line



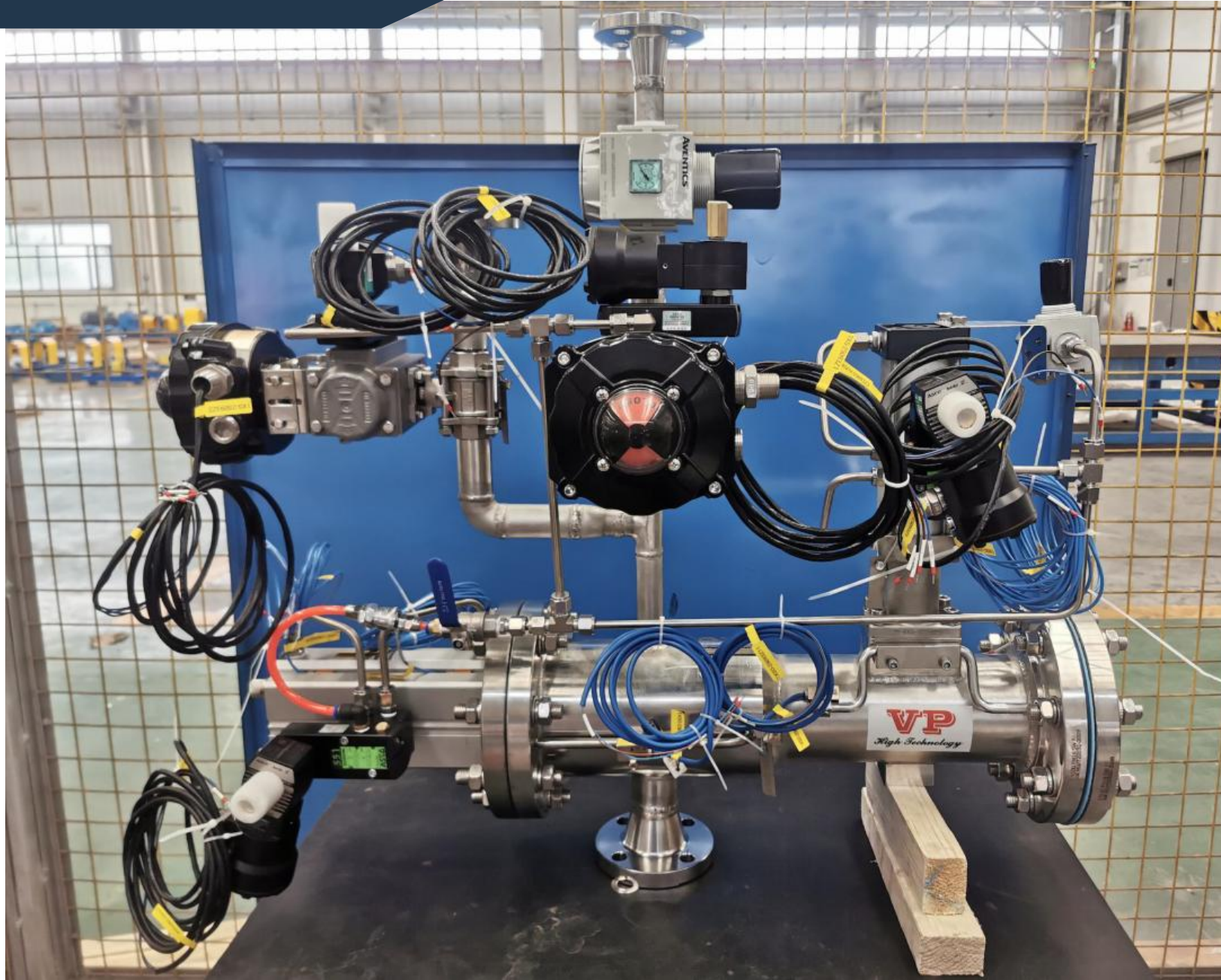
VP Lanucher/Receiver

VP
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VP Lanucher/Receiver

VP
High Technology



VP Lanucher/Receiver

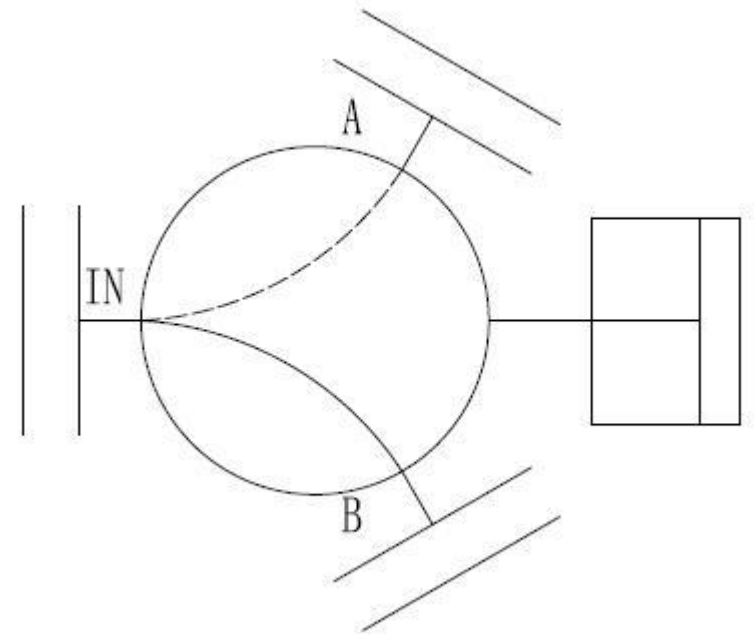
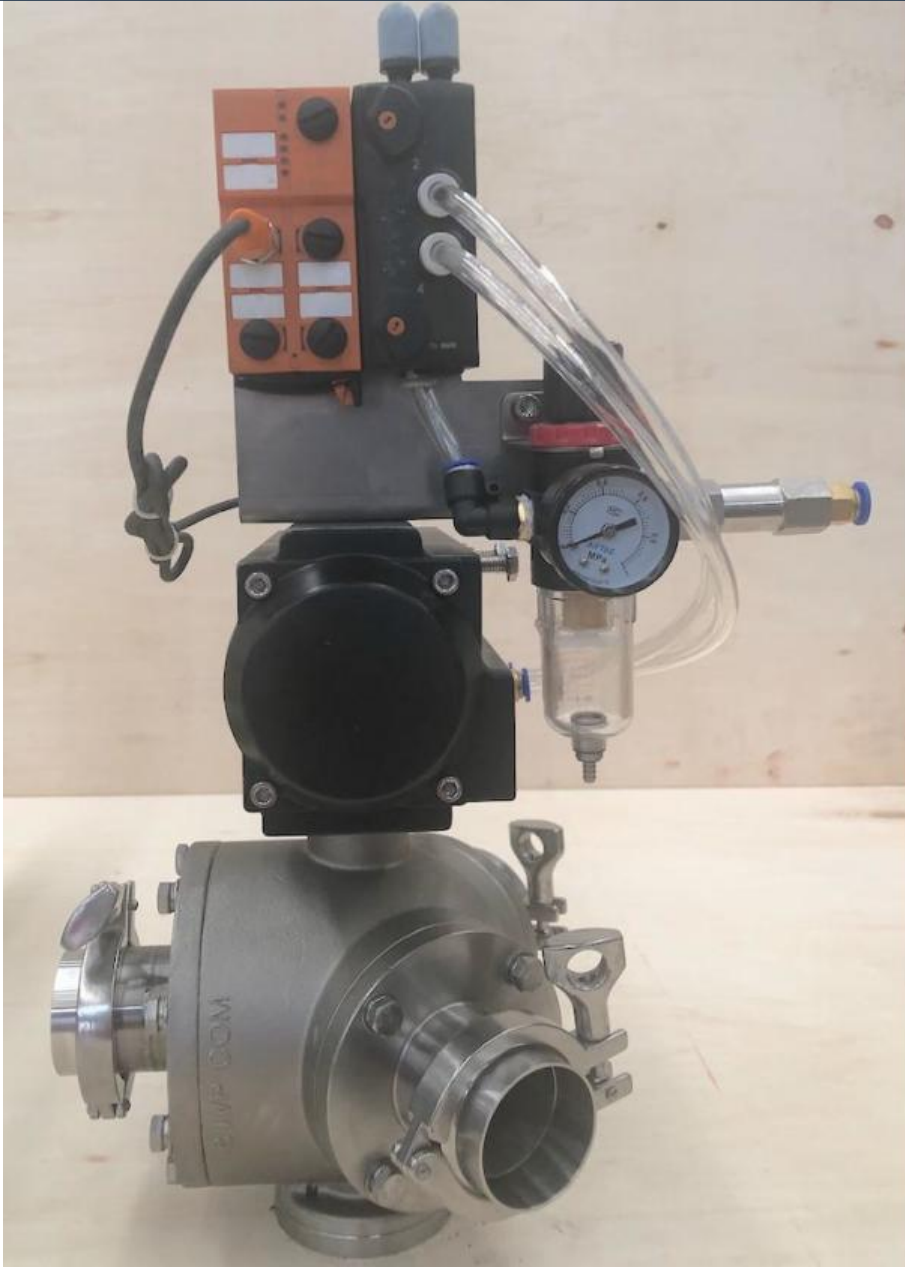
VP
High Technology

卫生级球站



VP 3 way Distribution Pigging Valve

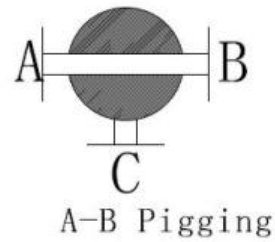
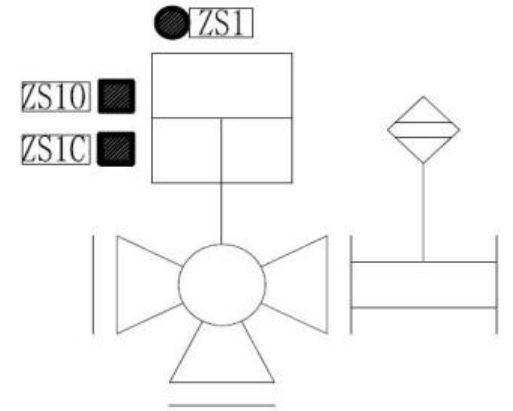
VP
High Technology



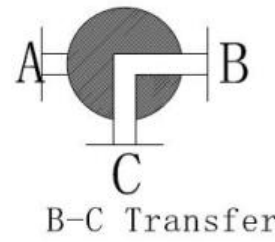
7-T-Valve



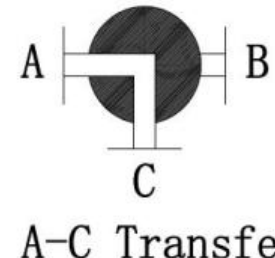
T-Valve Pigging System



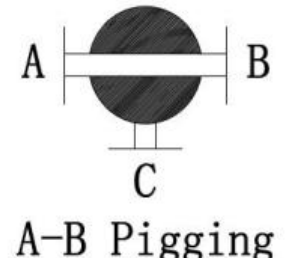
A-B Pigging



B-C Transfer



A-C Transfer



A-B Pigging

Type 1

Type 2

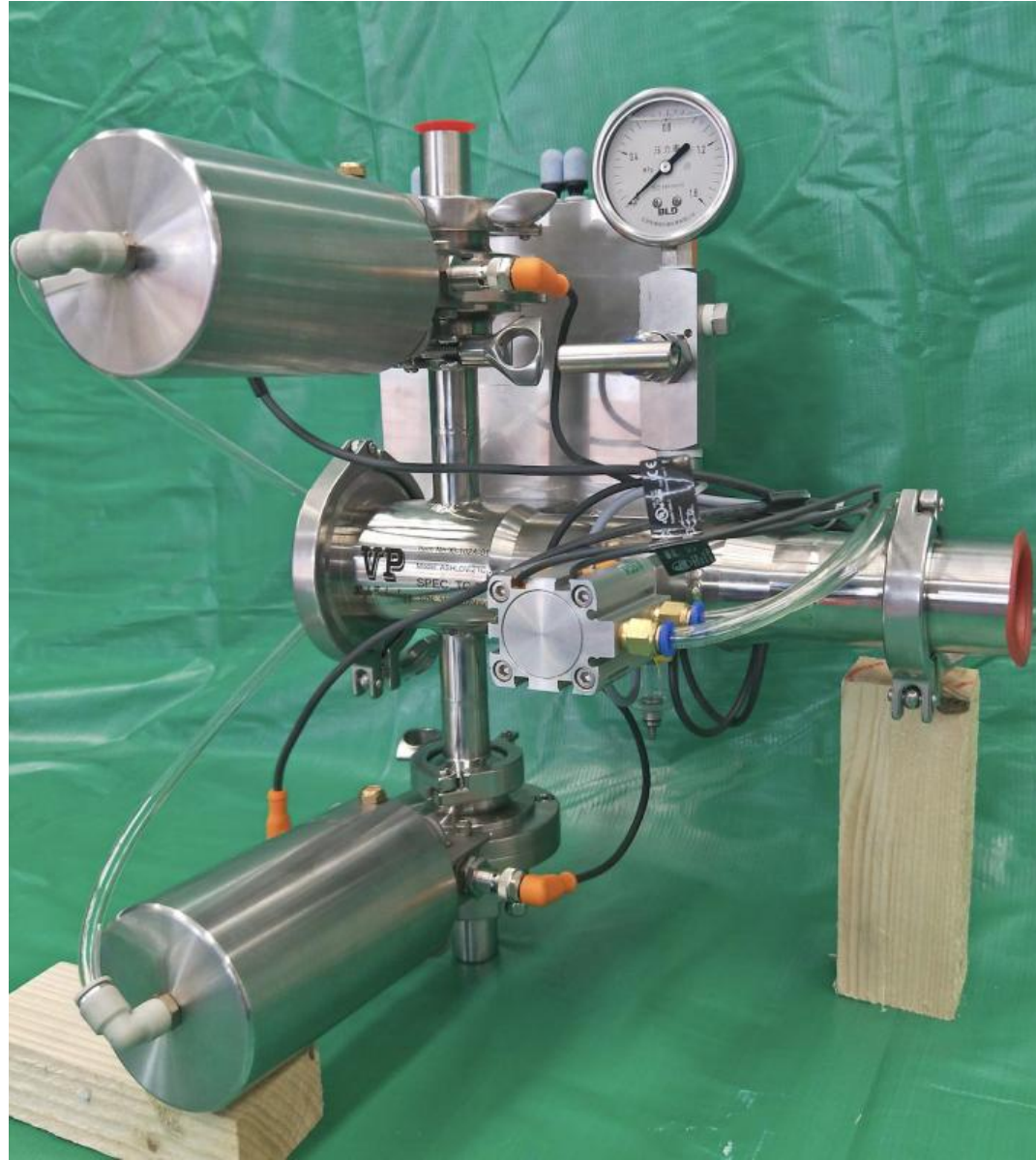
Manual Launcher /Receiver



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Automatic Launcher/Receiver

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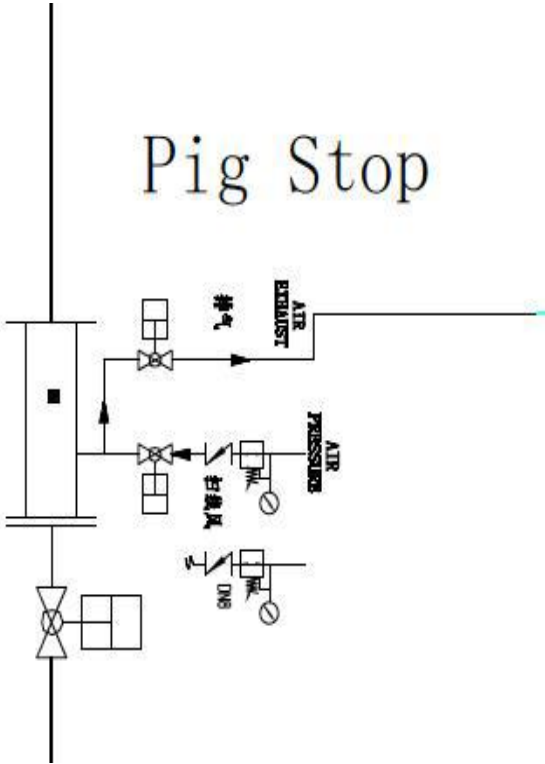
Pigging Bypass Tee

VP

High Technology



4-PIG STOP



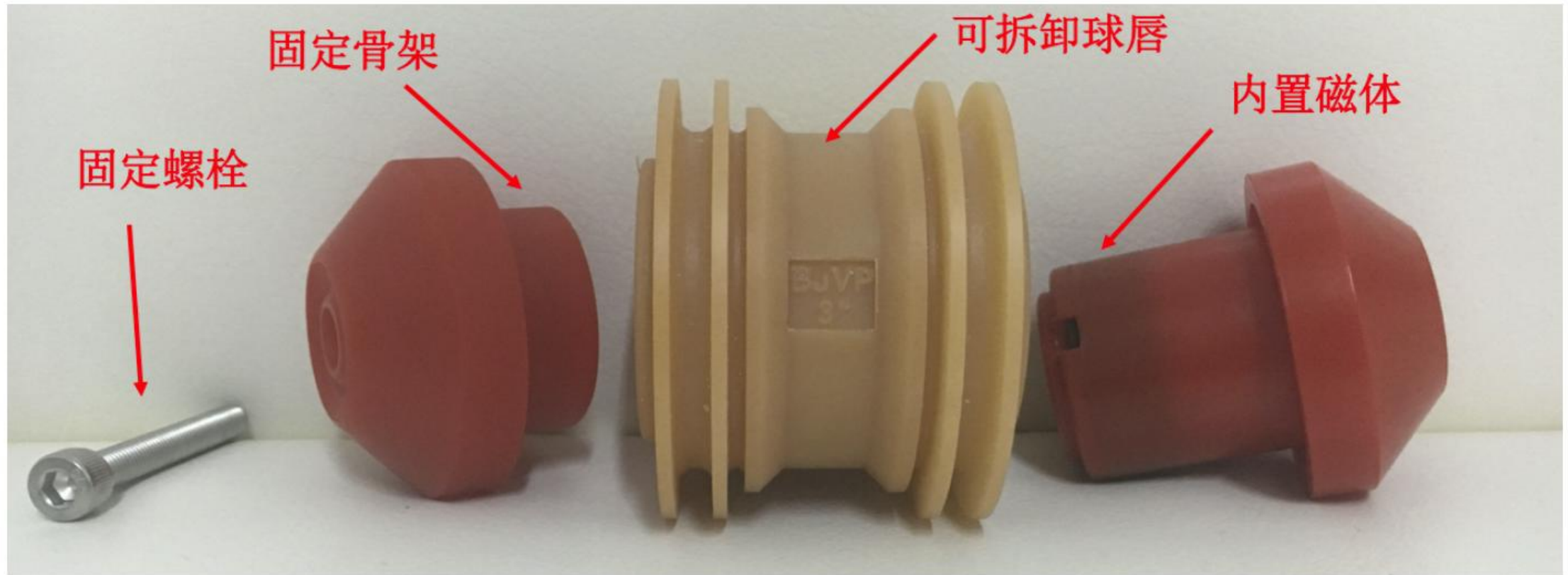
9-Pigging Airline Demister



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Pig with Magnet Insert

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Pigging Control



High Technology

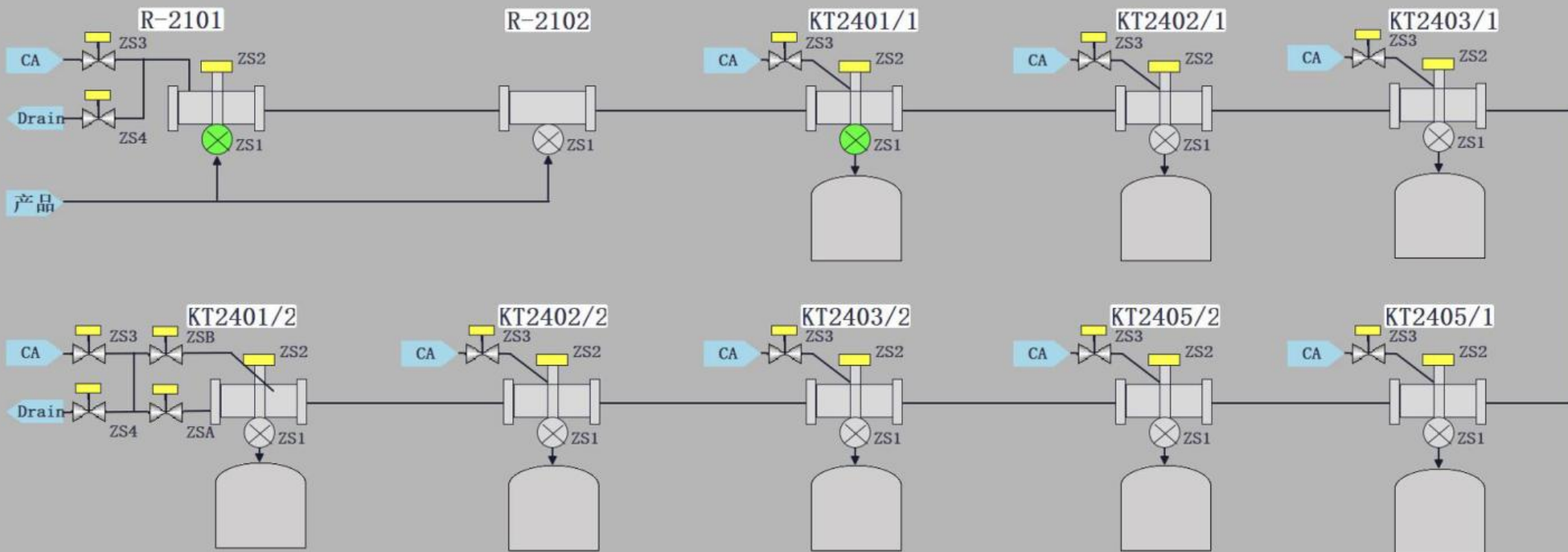


用户名
os01

球扫线系统——球扫线控制

自动

2024/4/12
18:37:34



输送功能 扫线功能

进料罐 R-2101

目标罐 KT2401/1

启动

停止

扫线未到位报警时间:

0s

扫线释放压力时间:

0s

状态提示

正在导通

起始画面

球扫线系统

报警查看

用户管理

手/自动切换

初始化

报警复位

系统注销

Pigging Control



High Technology



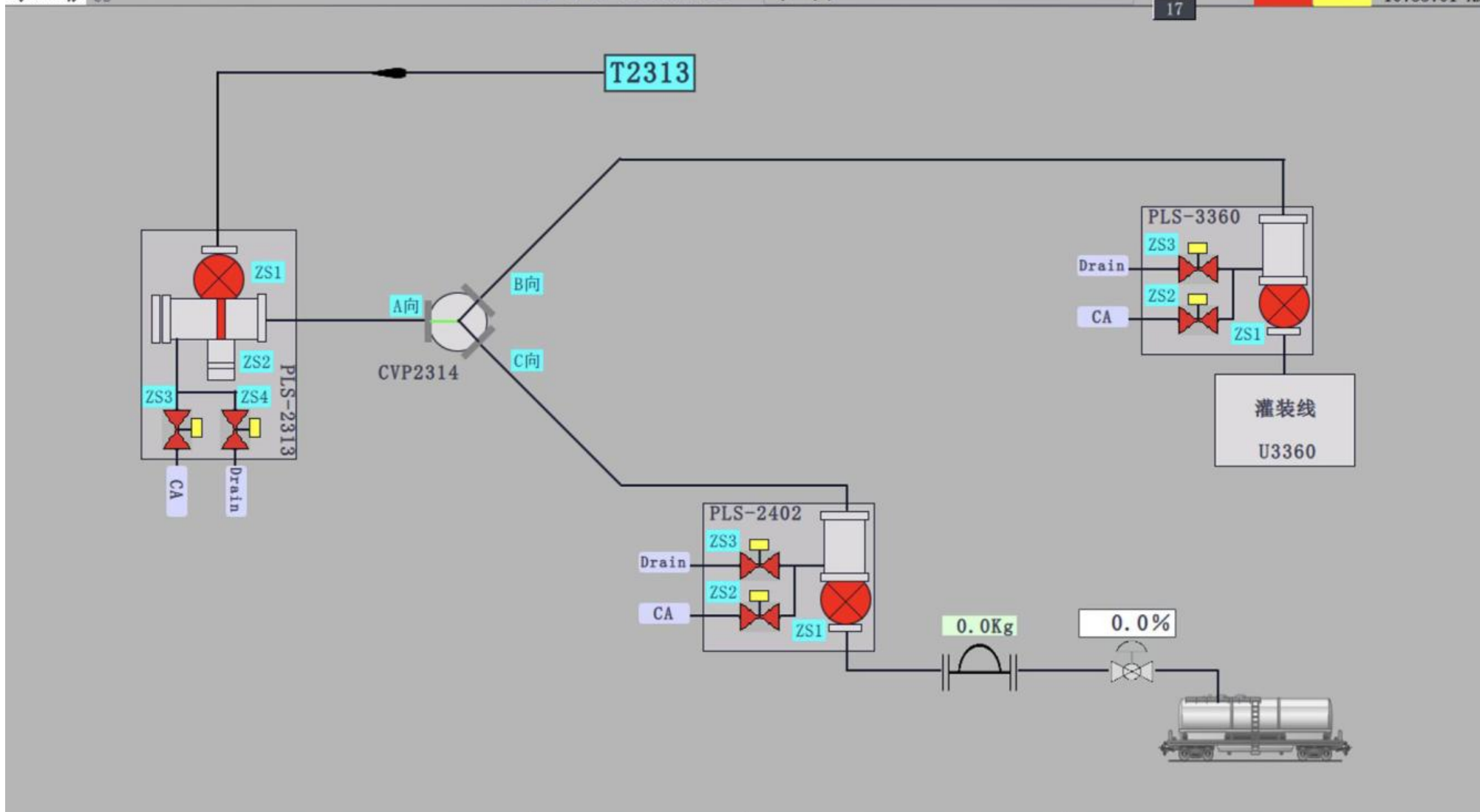
用户名
es

通球扫线系统--手动



急停 手动

2022/11/11
10:35:01 AM



◀	PLS2313 -ZS1	PLS2313 -ZS2	PLS2313 -ZS3	PLS2313 -ZS4	CVP2314 A-B	CVP2314 A-C	PLS3360 -ZS1	PLS3360 -ZS2	PLS3360 -ZS3	PLS2402 -ZS1	PLS2402 -ZS2	PLS2402 -ZS3	▶
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Pigging Control



High Technology



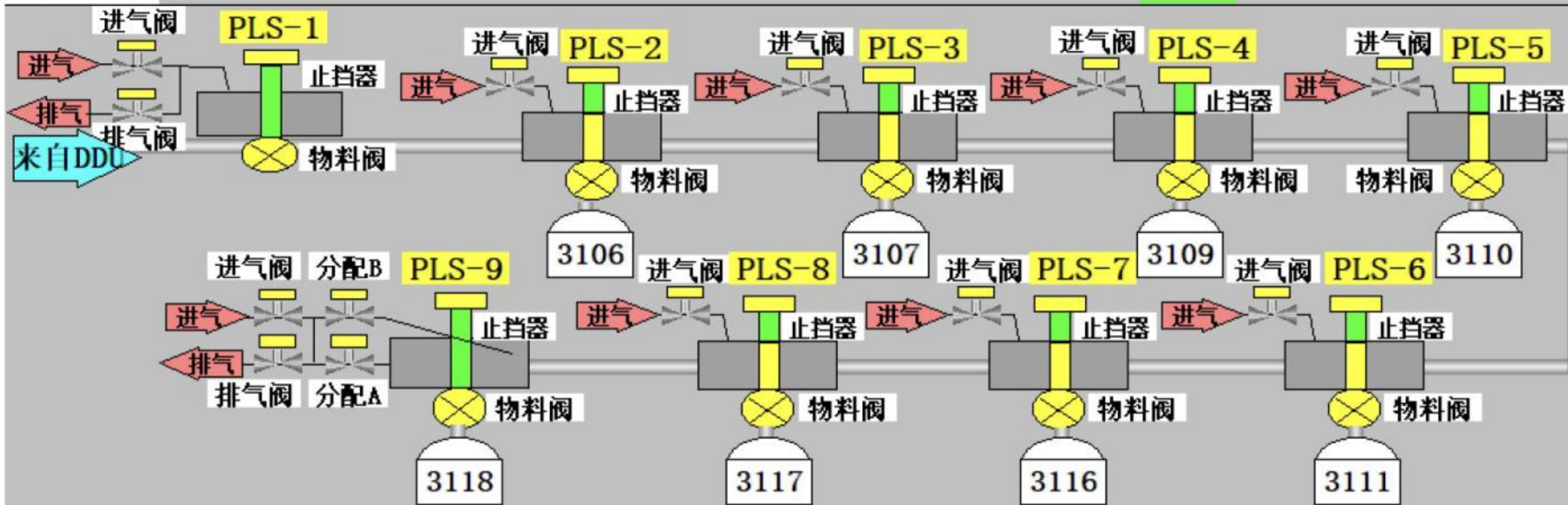
用户: OS

球扫线

自动

2024-05-05

13:53:26



扫线目的罐

无

状态提示

启动

停止

起始画面

手动画面

自动画面

球扫线

参数设置

手/自动
切换

初始化

报警查看

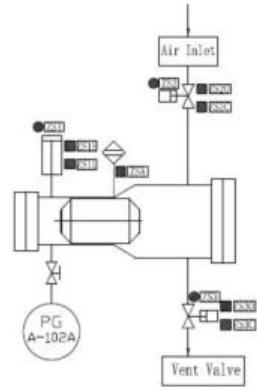
报警复位

Pigging Data Sheet

Pigging Data Sheet

Type	Launcher Station	Model	ASHLDV-2"
Pig Detector QTY.	1	Vent Valve QTY.	1
Air Valve QTY.	1	Pig Stopper QTY.	1

Launcher Including:



I/O of PLC

- Input
- Output

ZSA	Pig Detector		
ZS1H	Pig Stopper Out		
ZS1L	Pig Stopper In		
ZS20	DI Water valve Open		
ZS2C	DI Water valve Close	ZS1	Pig Stopper Control
ZS30	Air valve Open	ZS2	DI Water valve Control
ZS3C	Air valve Close	ZS3	Air valve Control

Pig Station		Design Data	
Pipe	3A/BPE ASTM269/270 Sanitary Pipe	Pressure	Design 10BAR Hydro.Tes 15Bar
Diameter	2" (50.8*47.5mm)	Temp	-10 ℃ 至 100 ℃
Material	316L	Pigging Air Pressure	2 BAR (Min) 4 BAR (Max)
		Instrument Air Supply	3 BAR (Min) 5 BAR (Max)

Instrument

Comm.	AS-i	Protection	IP65
Area	Safety	Wire supply	M12

Pig Detector

Type	Magnetic (1 detector)	Power	24V DC
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Pig Stopper

Actuator	Double Action	Material	316L
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Vent Valve

Valve Type	Pneumatic Disc Valve	Actuator	Single Action
Size	1"	Material	316L

Air Valve

Valve Type	Pneumatic Disc Valve	Actuator	Single Action
Size	1" with 1/2" FRL air supply connection	Material	316L



Pigging Manifold

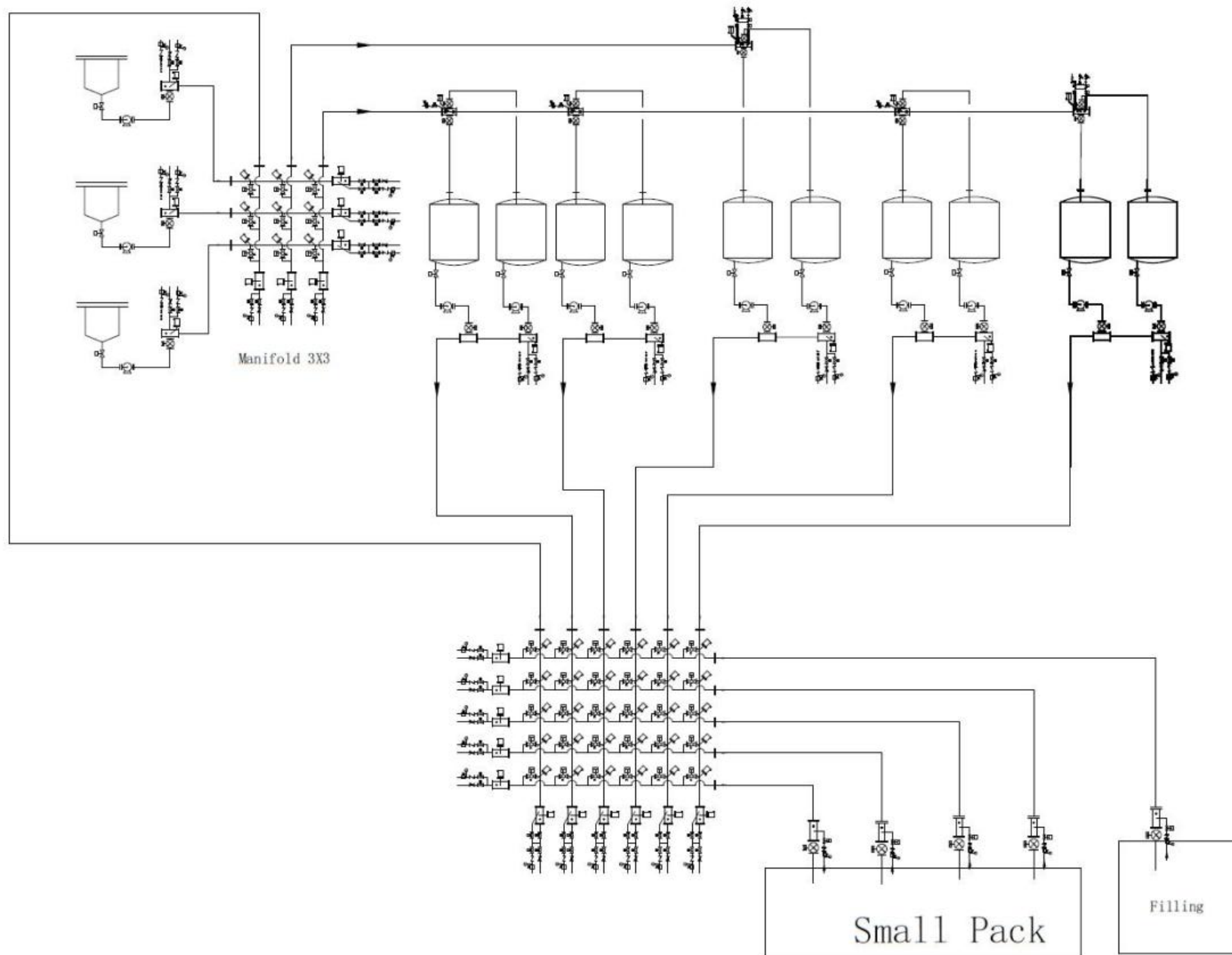
Manifold is built by using a matrix principle where each crossing of a horizontal line with a vertical column becomes a manual controlled connection between the pipes. This manifold dramatically reduces the space and quantity of pipelined in user's plant.

It can reach the target of connection one pipe to multiple pipes; multiple to one; multiple to multiple. The manifold pipe quantity can be set up according to actual requirements of users with the highest economic efficiency.

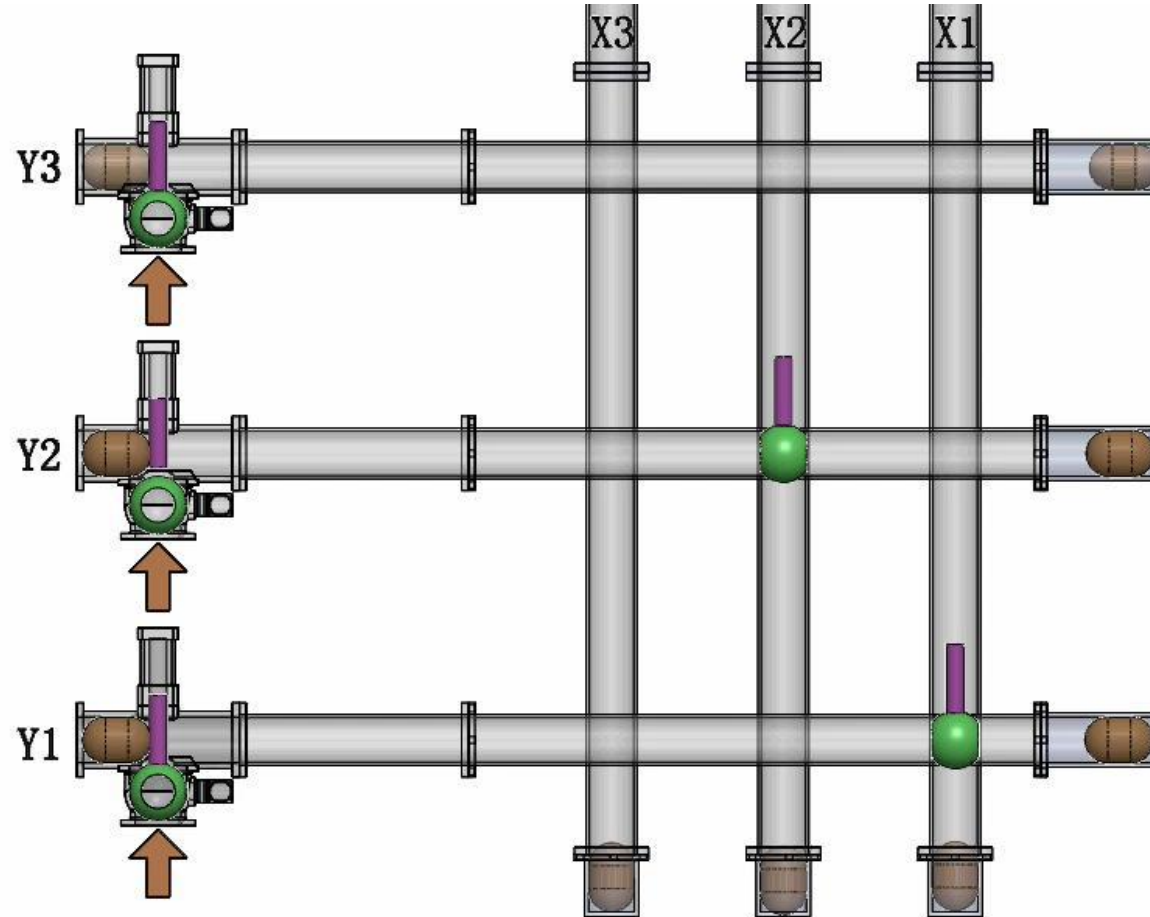
VP manifold is designed to simplify piping layout, and thoroughly clean up the residue liquids in pipelines by pigging system .



Pigging with Manifold



Automatic Manifold Principle



Automatic Manifold



Automatic Manifold

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Manual Manifold



BJVP Lube Oil Customers



Shell Global Solutions

LUBRICANTS.
TECHNOLOGY.
PEOPLE.



ExxonMobil



TOTAL
道达尔



Quaker
Houghton™
Forward Together™

Chevron



SINOPEC



长城润滑油



GS



昆仑润滑



美谷石化
MAKHOP



LOPAL
龙蟠润滑油



COPTON®



NACO®



高科石化
GAOKE PETROCHEMICAL

BJVP Customers





THANK YOU