

# Welcome to Wenzhou Hope Machinery



# Company Introduction





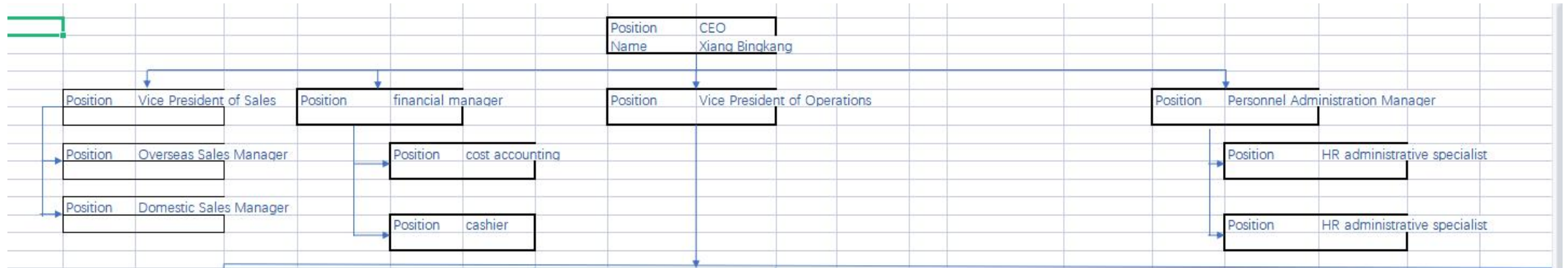
## We are a team focus on high quality products

Wenzhou Hope Machinery Co., Ltd. was established in 2004. It has 2 factories with a total area of 22,600 square meters.

The products are designed and produced according to **DIN, 3A, SMS, ISO, BS, IDF and ASME BPE standards**, and have passed ASME BPE certification and ISO9001 international quality management system certification. At present, there are 53 sets of CNC equipment; the annual production capacity is 250,000 pieces per month; there are 8 production lines for in-pipe connectors, the annual production capacity is 200,000 pieces per month;



# Orgnization Chart





»»» 01

# Product Category







»»» 02

# Certificate





# ASME BPE



## CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope shown below in accordance with the applicable rules of the ASME BPE Standard on Bioprocessing Equipment. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any component certified under this authorization shall have been produced, assembled, and tested in accordance with the provisions of the ASME BPE Standard on Bioprocessing Equipment.

COMPANY:

**Wenzhou Hope Machinery Co., Ltd.**  
No.220, Haitang Road  
Economic and Technological Development Zone  
Wenzhou, Zhejiang 325000  
People's Republic of China

SCOPE:

**Manufacture of ferrous tubing (excluding circumferential welds)  
and fittings at the above location only.**

AUTHORIZED: **January 25, 2023**

EXPIRES: **January 25, 2028**

CERTIFICATE NUMBER: **BPE-181**

Handwritten signature of Richard B. Caplan in black ink.

Board Chair, Conformity Assessment

Handwritten signature of G.M. Eisenberg in black ink.

Managing Director, Standards & Engineering Services

The American Society of Mechanical Engineers





# ISO9001



ENGINEER CERTIFICATION  
ASSESSMENT SERVICES

**AVU**  
REGISTRATIONS

认证证书

授予

**温州市好博机械有限公司**

【地址：中国·浙江省·温州开发区海泰路 220 号      邮编：325000】

的质量管理体系经美国冠美认证有限公司审核，符合

**ISO9001:2015**

适用于

中低压球阀、蝶阀、止回阀、闸阀，截止阀、不锈钢乳品机械配  
件、管道配件的制造及销售

初始发证日期：2021 年 11 月 03 日  
本次发证日期：2022 年 06 月 28 日  
本证书周期三年，自 2021 年 11 月 03 日至 2024 年 11 月 02 日  
本次审核有效期至 2023 年 03 月 02 日止，通过下次监督审核/复评确认后持续保持有效。

 监督审核合格	第二次监督审核合格标志 贴花时间：发证后 16 个月	第三次监督审核合格标志 贴花时间：发证后 26 个月
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此证书为翻译件，不能单独使用，必须与证书同时使用方为有效。如遗失 IAS 或 AVU 认证机构  
 网站网页，经网站管理员证实无效。如有疑问请联系网站认证机构咨询，官网网址：  
 http://www.avuiso.hk    http://www.avuiso.com    http://www.avureg.com  
 电话：avuchina@163.com    avuprc@163.com    认证及咨询电话：400-044-9001

ENGINEER CERTIFICATION  
ASSESSMENT SERVICES

**AVU**  
REGISTRATIONS

CERTIFICATE

This is to certify that

**Quality Management System**

Of

**Wenzhou Hope Machinery Co., Ltd.**

【Address:NO.220 Haitang road,wenzhou development zone,Zhejiang Province,P.R.C      Zip Code:325000】

Has been examined by Assessors of AVU REGISTRATIONS,INC. and  
found to be conforming to the requirements of

**ISO9001:2015**

This certificate is valid concerning all activities related to:

The Manufacturing and sales of Middle and low pressure ball valve, butterfly  
valve, check valve, gate valve, stop valve, stainless steel milk machinery parts,  
pipeline parts

<u>Nov. 03, 2021</u> Date of Initial license issuing	<u>Jun. 28, 2022</u> Date of issuance	<u>3</u> Total year	<u>Mar. 02, 2023</u> Valid until
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It will keep effective after the next surveillance audit/review.

Surveillance audit qualified	Second stack 16 month after the issue of the certificate	Third stack 26 month after the issue of the certificate
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If there does not paste the mark of conformity, it is invalid.

Further to the certificate applicability, please visit:  
 http://www.avuiso.hk    http://www.avuiso.com    http://www.avureg.com  
 E-Mail:avuchina@163.com    avuprc@163.com    T:400-044-9001

# 3A



ISSUE DATE: January 07, 2013

CERTIFICATE AUTHORIZATION NUMBER: 1686



THIS IS TO CERTIFY THAT

Wenzhou Hope Machinery Co. Ltd.

No. 220 Haitang Road, Binhai Industrial Zone, No. 15 Rd. Binhai Av. 3, Wenzhou 325025, China

is hereby authorized to continue to apply the  
3-A Symbol to the models of equipment, conforming to 3-A Sanitary Standards for:

Number 63-04  
63-04 (Sanitary Fittings)

set forth below

CIP Models: Clamp and weld fittings in 304 and 316L stainless steel, including elbows, reducers, tees, crosses, end caps and ferrules according to the following model Numbers:  
Clamp and weld fittings in 304 and 316L stainless steel, including elbows, reducers, tees, crosses, end caps and ferrules according to the following model Numbers: 3A 180°Welded Elbow, 1"-4", HP 30522041; 3A 45°Short Elbow, 0.5"-12", HP 30511021; 3A 45°Long Elbow, 0.5"-6", HP 30511022; 3A 45° Clamped Elbow, 0.5"-8", HP 30522031; 3A 90° Short Elbow, 0.5"-12", HP 30511023; 3A 90° Long Elbow, 0.5"-6", HP 30511024; 3A 90° Clamped Elbow, 0.5"-8", HP 30522032; 3A Short Welded Tee, HP 30511025; 3A Long Welded Tee, 0.5"-8", HP 30511125; 3A Clamped Tee, HP 30522033; 3A Long Reducing Tee, 1.5"x1"-4"x3", HP 30511026; 3A Short Cross 1"-4", HP 30511027; 3A Long Cross, 1"-4", HP 30511028; 3A Clamped Cross, 1"-4", HP 30522034; 3A Concentric Reducer, 1"x0.5"-10"x6", HP 30511029; 3A Clamped Concentric Reducer, 1"x0.5"-8"x6", HP 30522039; 3A Eccentric Reducer, 1.5"x0.75"-8"x6", HP 30511030; 3A Clamped Eccentric Reducer, 1.5"x0.75"-8"x6", HP 30522038; 14 WMP Ferrule, 0.5"-12", HP 20611060; 14 AM7 Ferrule, 0.5"-12", HP 20611059; 14 MPW Ferrule, 0.5"-8", HP 20611062; 14 WLMP Ferrule, 1"-12", HP 20611061; 16 AMP Solid Cap, 0.5"-12", HP 30611074

VALID THROUGH: **December 31, 2023**

Timothy R. Rugh  
Executive Director  
3-A Sanitary Standards, Inc.

The issuance of this authorization for the use of the 3-A Symbol is based upon the voluntary certification, by the applicant for it, that the equipment listed above complies fully with the 3-A Sanitary Standard(s) designated. Legal responsibility for compliance is solely that of the holder of this Certificate of Authorization, and 3-A Sanitary Standards, Inc. does not warrant that the holder of an authorization at all times complies with the provisions of the said 3-A Sanitary Standards. This in no way affects the responsibility of 3-A Sanitary Standards, Inc. to take appropriate action in such cases in which evidence of nonconformance has been established.

Form QAT\_10-M04, version 00, effective since March 25th, 2020

## Certificate of Compliance



No. 4M201204.WHMW078

**Certificate's Holder:** Wenzhou Hope Machinery Co., Ltd.  
No.220 Haitang Road, Binhai Industrial Zone, Wenzhou, China, 325000



**Product:** Union (Welding Male, Welding Liner, Expanding Male, Expanding Liner, Nut) Blind Nut, Blank Liner, Elbow, Tee, Reducer, Ferrule, End Cap, Flange, Clamp, Pipe Holder, Sight Glass, Cleaning Ball

**Model(s):** 304(1.4301), 304L(1.4307), 316(1.4401), 316L(1.4404)

**Verification to:** Standard:  
DIN11851, DIN11852, DIN11853-1, DIN11853-2, DIN11853-3, DIN11864-1, DIN11864-2, DIN11864-3, DIN32676, DIN2576, ISO2851, ISO2852, EN10253-4, DANSK, 3A, SMS, RJT, IDF

related to CE Directive(s):  
2014/68/EU (Pressure Equipment) ANNEX I PARAGRAPH 4.3

**Remark:** This document has been issued on a voluntary basis and upon request of the manufacturer. It is our opinion that the technical documentation received from the manufacturer is satisfactory for the requirements of the ECM Certification Mark. The conformity mark above can be affixed on the products accordingly to the ECM regulation about its release and its use.

Additional information and clarification about the Marking:

**CE** The manufacturer is responsible for the CE Marking process, and if necessary, must refer to a Notified Body. This document has been issued on the basis of the regulation on ECM Voluntary Mark for the certification of products. RG01\_ECM rev.3 available at: [www.entecerma.it](http://www.entecerma.it)

**Issuance date:** 04 December 2020

**Expiry date:** 03 December 2025

Reviewer  
Technical expert  
Amanda Payne



Approver  
ECM Service Director  
Luca Bedonni



Ente Certificazione Macchine Srl

Via Ca' Bella, 243 - Loc. Castello di Serravalle - 40053 Valsamoggia (BO) - ITALY  
☎ +39 051 6705141 📠 +39 051 6705156 ✉ info@entecerma.it 🌐 www.entecerma.it

شهادة - 증명서 - Certificat - 證明書 - Сертификат - Certificate



Apragaz



**APRAGAZ**

Member of  
**CEOC**  
INTERNATIONAL

Chaussée de Vilvorde, 156  
Vilvoordelaanweg 156  
B-1120 Bruxelles/Brussel  
Tel: 32 (0)2 264 03 60  
Fax: 32 (0)2 268 89 58  
http://www.apragaz.com  
info@apragaz.com

CERTIFICATE OF COMPLIANCE							Certificate N°			
Review of Manufacturer's Technical File							12/CN/2896-0-REV 1			
Manufacturer	Name		WENZHOU HOPE MACHINERY CO., LTD					Address	Binghai Zone, Wenzhou Zhejiang Province, P.R. China	
	Address									
Concerned equipment :										
Product	PS (bar)	PT (bar)	DN (mm)	TS (°C)	Media	Standard	Category			
Hygienic butterfly valve	8	12	15~150	0/99	Food fluid	EN12266-1 2003	Liquid Group 2 SEP			
Hygienic check valve	8	12	25~100	0/99	Food fluid					
Industrial check valve	16	24	15~100	0/99	water					
Industrial gate valve	16	24	15~80	0/99	water					
Industrial ball valve	64	96	6~100	0/99	water					
<p>This is to declare that we have reviewed the technical documentation files which were submitted by the manufacturer according to the requirements of the Pressure Equipment Directive 97/23/EC. All the valves mentioned in here above fall under art. 3 § 3 (Sound Engineering Practice), which means the manufacturer takes the full responsibility of the quality of these valves.</p> <p>The manufacturer is authorised to issue certificates of specific product control, under its own responsibility, in accordance with the Pressure Equipment Directive 97/23/EC – art. 3 § 3 and the above-mentioned applicable EN Standard.</p> <p><b>All modifications to the Scope of this review should be first submitted to the Third Party Inspection Authority to ensure further validity of this compliance certificate.</b></p>										
Date : 16/10/2012	Name : Ch. Leplat		Position		General Manager					
Notified body identification number :	0029		Signature							
Third Party Authority stamp :	<b>APRAGAZ</b> Belgium Inspecting Authority									
Third Party Authority reference :	P14798/001									

RP197 rev 0



Apragaz is the most authoritative third-party certification testing and inspection organization in the European Union. It was established in Brussels, the headquarters of the European Union, in 1929. It was established by the Belgian National Liquefied Petroleum Gas Transport Association. It was originally engaged in the testing of pressure equipment and was one of the earliest institutions engaged in CE certification. one.





»»» 03

Quality  
assurance



	Traveler 过程卡		Rev.版本	0
	Document No./文件编号: TR-TED-2022-002		Page 页码	1 / 3

Customer Name 客户名称	温州五洲进出口有限公司	Job No. 工作令号	WUZHOU22C01-1	Product Name 产品名称	焊式等径三通	Product Size 产品规格	38.1 mm
Drawing No/ Rev. 图号版本	9020201 Rev. A	Material Spec/ Designation 材料标准/牌号	ASTM A270 S2-19 TP316L	QTY 数量	10	Description 产品描述	SF1: 5 pcs & SF4: 5 pcs
Customer Specification 客户技术规范	/	Ordering Date 下单日期	2022/09/12	Delivering Date 交货日期	2023/01/12	Heat / Lot No. 炉号/批号	H16W 2022091202

No. 序号	Operation 工序	Qty 数量	Applicable/Document & Rev. No. 标准/相关文件&版本号	Sampling Frequency 抽样比例	Inspection/ Examination point 检验/监查点				Signature and date 签字/日期				Inspection, Examination & Test Report No. 报告编号	M& TE No. 检验试验 设备编号	Remarks 备注
					B	C	D	A	B	C	D				
1	Picking 领料	1Tube		100%	H				付伟 12.4	张承 12.4			MAF/20221126		
2	Laser cutting 主管下料及割孔, 接管下料	1Tube	ZGXL-QC-BPE- B7WWW- -1.5 Rev.A JTXL-QC-BPE- B7WWW- -1.5 Rev.A						付伟 12.4						
3	Local Heating 局部加热	10	TED-HT-001 Rev.A						李秋安 12.4						
4	Hole Polishing 抛中孔	10	TED-PG-001 Rev.A						李秋安 12.4						
5	Broaching 拔口	10	BK-QC-BPE-B7WWW-1.5 Rev.A						李秋安 12.4						
6	Milling 铣中孔	10	PK-QC-BPE -B7WWW -1.5 Rev.A						李秋安 12.5						
7	Milling Stub 齐接管	10	QJG-QC-B7WWW-BPE-1.5 Rev.A						李秋安 12.5						
8	Cleaning 清洗	10	TED-QX-001 Rev.A						李秋安 12.5						
9	Tack Welding 点焊	10	HOPE/WPS-002 Rev.0	At the begin and at least once for 2 hrs 开始时, 且不超过	M				李秋安 12.5	张承 12.5					

By controlling the process,  
we control the quality

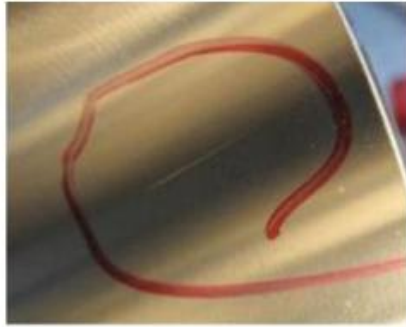
# Process Card



product input	process	Self-test content	Treatment	Precautions
ASME-BPE Standard Execution	forming	① No burrs at the nozzle, no internal and external chamfers	This process is repaired or scrapped	
perform a turning		② Outer diameter: according to the upper deviation	Rework in this process	Welding disc protection
		③ OD tolerance is within the range	Clamp circle in this process	Nozzle knock damage
Abrasive belt 150#(welding bead 100# abrasive belt)	Outer sand	①The outer weld bead is cleaned, without defects such as blisters and pores	Welding personnel repair welding, repair in this process	
		②There are no defects such as pressure points and scratches on the surface;	Rework in this process	
		③Wall thickness T, $1.54 < T < 1.78$ (4 inches in proportion)	Acknowledgment of concession receipt or scrapping	Measure the wall thickness before sanding $T > 1.58$
		④ Outer diameter OD qualified	Rework in this process - clamping circle	<b>Before sanding</b> The self-inspection outer diameter OD must be tolerated;if the outer diameter is too small, it needs to be repaired by passing the ball
Sand block 80# weld bead (only for weld bead)	inside hand toss	①Sampling wall thickness $T > 1.54$	Return to previous process	Guaranteed front-end input: qualified products
The first pass: sand block 120#-3A		②The inner weld bead is cleaned, without defects such as pressure points and thick wires	Rework in this process	spotlight inspection
The second pass: sand block 180#-SF1		③There are no defects such as pressure points and thick wires on the inner surface	Rework in this process	Sand blasting must be done in order, and no skipping is allowed.

**Interior Surface - Non-Conforming Photo Reference**

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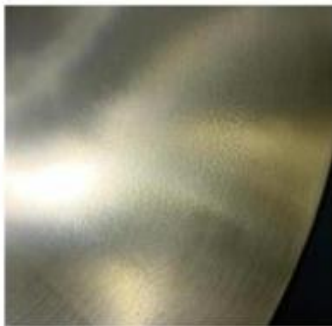
**07. Crimping, unqualified  
unqualified**



**08. Injured, unqualified**



**09. The weld bead is not clean,  
unqualified**



**10. Orange peel, unqualified  
unqualified**



**11. point, failed**



**12. Yellowing,  
unqualified**





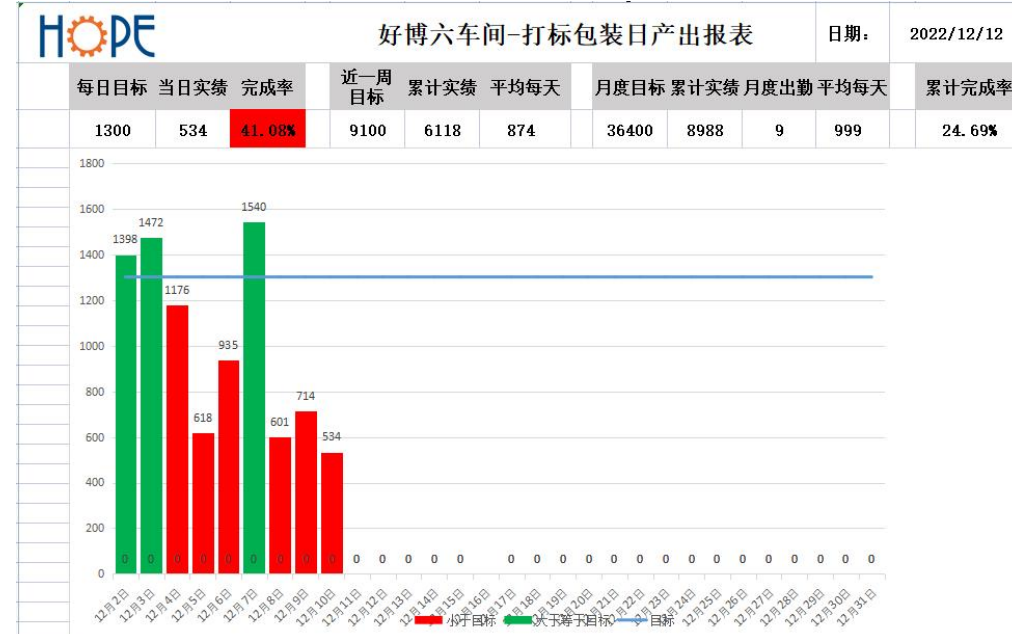
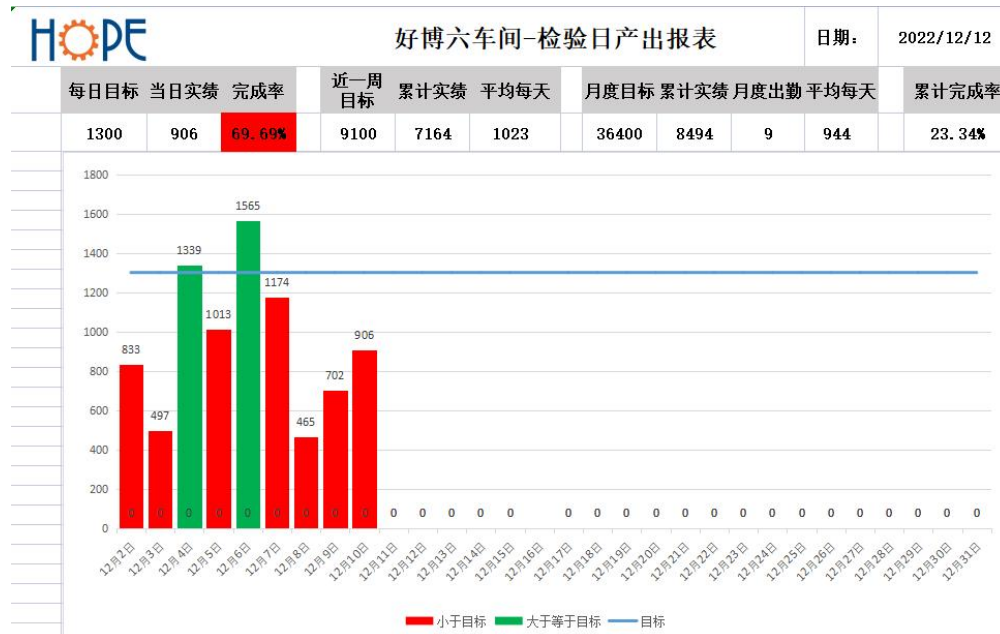
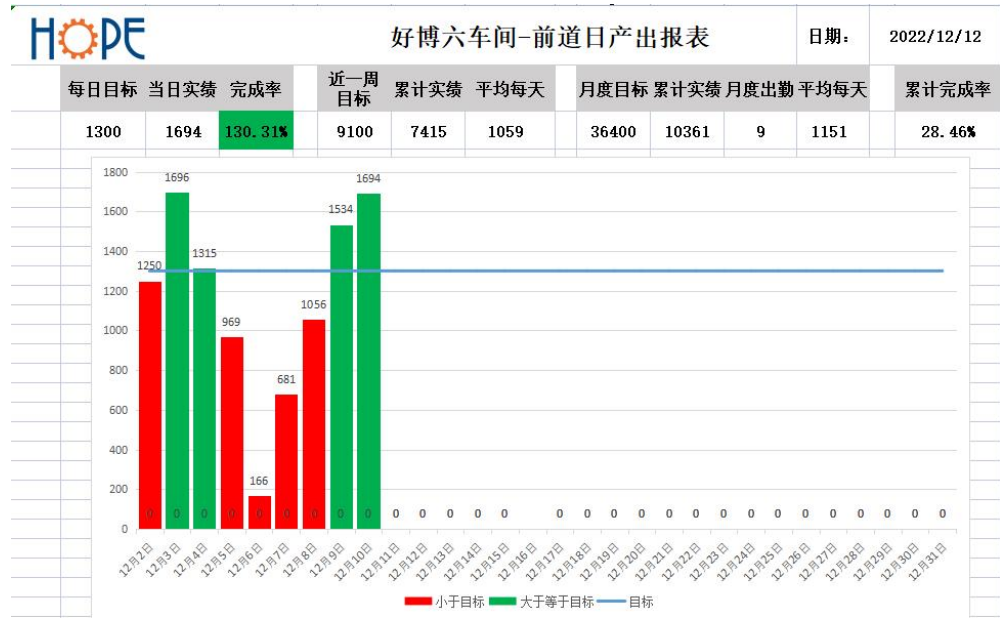
**Inspection**



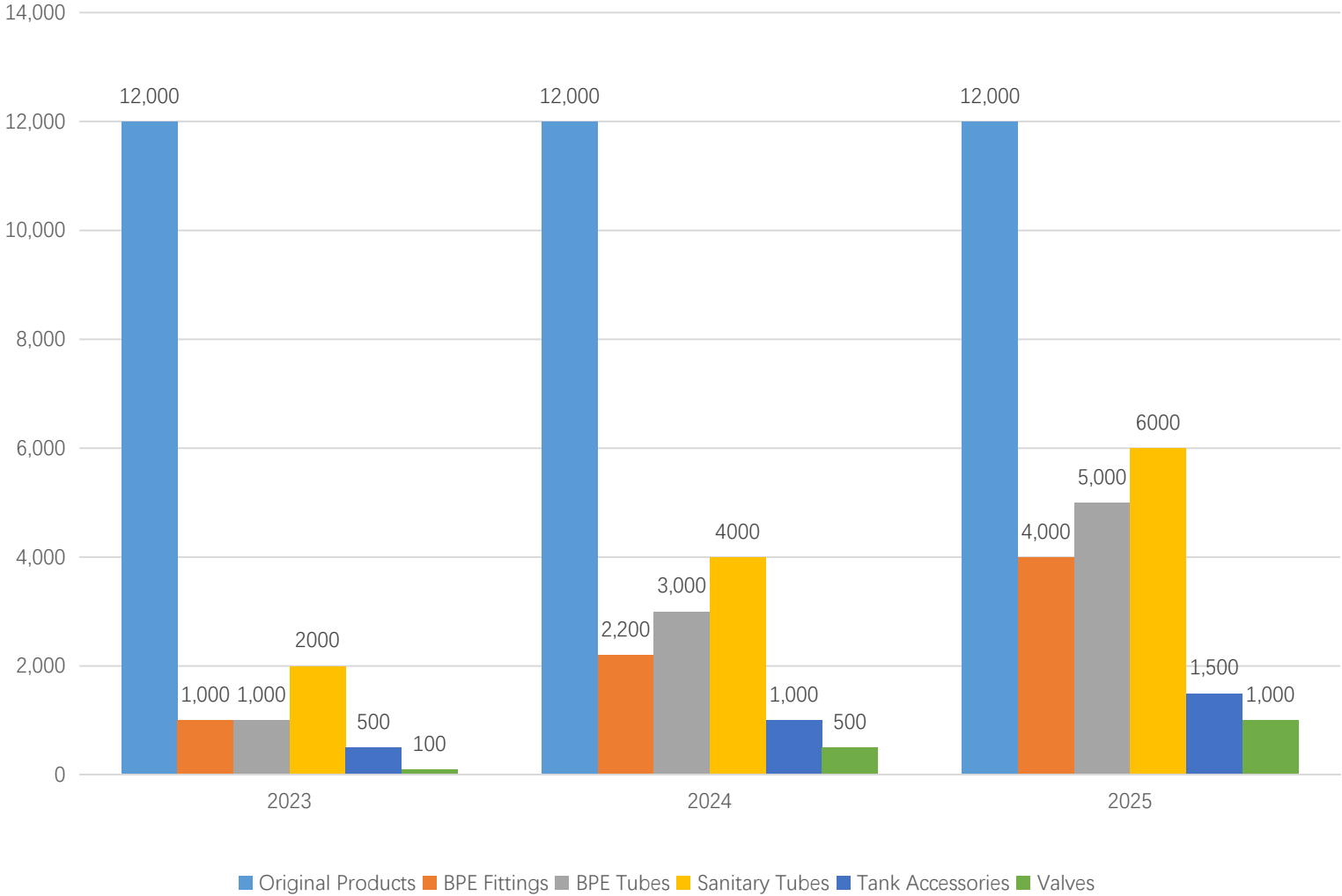
**Inspection**



# Visualization of daily output reports



# Hoep Three Year Development Plan





**Thanks for listening**

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