



鸿通管材

Hongtong Piping Materials

**General Introduction of
Weihai Hongtong Piping Material Co.,Ltd. China.**

TYPICAL CONTENTS

Part 1 : General Introduction

Part 2 : Technical Presentation
Subsurface Flexible Production Tubing

Part 3: Technical Presentation
Surface lined-GRP and reelable RTP lines

Discussion and Look forward



Introduction

Part.01

Weihai Hongtong Piping Materials Co., Ltd. was founded in 2001 with 60 million yuan registered capital. Specializing on engineering and production of surface and subsurface non-metallic line pipes series. Lead member of State High-technology Development Plan 863-Program on “Ocean deep water non-metallic material composite pipe development”.

Listed in China National Equity Exchange and Quotations (NEEQ) stock market since 2015.

PC and Sinopec.



Address: 87 Guangzhou Road, Wendeng District, Weihai, Shandong, China

1. Supply and installation of “Subsurface Flexible Production Tubing for ESP applications”.
2. Supply and Installation of “Surface Flexible RTP pipes”,
3. Supply of lined-Glass Fiber Reinforced Pipe “Lined GRP Lines”.



Production Tubing

Lined GRP

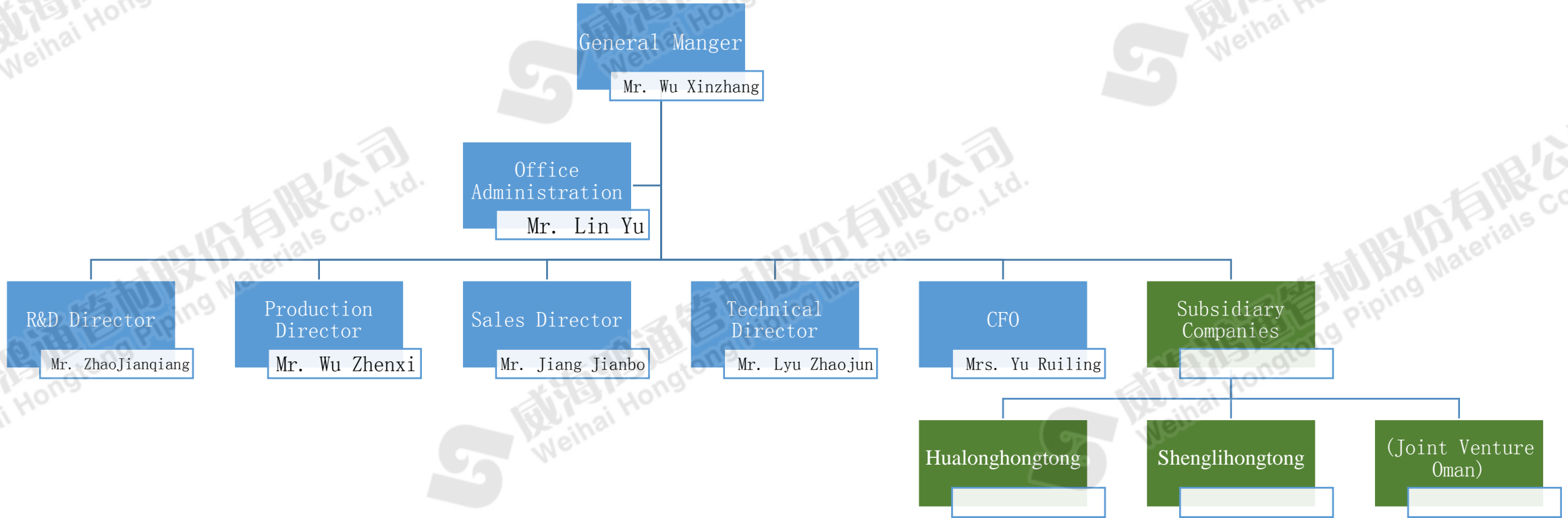
RTP Pipes





Organization Structure

Part.01





Value Addition to Non-Metallic Research and Application

Owner of Technology Innovation Platforms

- Shandong enterprise technology center,
- Shandong academician workstation,
- Shandong Anti-corrosion plastic alloy composite pipe engineering technology research center.

Member on Development of Chinese National Industrial Standards and Committee

- Anti-corrosion plastic alloy composite pipes,
- Specification for the design, construction and acceptance of non-metallic pipeline,
- Quality acceptance code of non-metallic pipe,
- Thermoplastic lined GRP composite pipes.



Local Presence:

Our products are sold all over the oil fields of CNPC and Sinopec including: Shengli Oil Field, Changqing Oil Field, Daqing Field, Huabei Field, Qinghai Field, Xinjiang Field, Tarim Field, etc.

Overseas Presence:

Currently engaging on setup a production facility in Sultanate of Oman focusing on GCC, Africa, Europe and USA.



Pride and Major Achievements

- ❑ ISO 9001 quality management system certification.
- ❑ Obtained the special equipment manufacturing license (pressure piping component) issued by the General Administration of Quality Supervision, Inspection and Quarantine of the PRC
- ❑ CNPC and Sinopec Vendor approval for procurement.
- ❑ To date, 7 industrial invention patents, such as:-
 - Double wire head winding machine 2009102089324
 - Manufacturing method and equipment of resin matrix composite elbow pipe 2009102302293
 - A type of unbonded pultrusion composite line pipe 2011101337466 / 2012102213253
 - Method and equipment of multi wire head continuous wet winding process and pipe 2013103777366
 - A type of pultrusion composite pipe connection structure 2011102333496

Pride and Major Achievements

- In 2014, after over 2 years of research, life cost analysis discussions (undisclosed client), agreement had been entrusted and award for a especial design and production for High H₂S/Co₂ concentrations process line (designed for 10%, 100,000 ppm) project (west China). Line is in production since May 2014.

Brief summary of the project Application:

Line size:	3" pipe high grade materials HDPE-PVDF
Design Pressure:	16 Mpa (Operating Pressure 9 Mpa)
Design Temperature:	90 °C. (Actual Temperature 37 – 40 °C)
Minimum design life time:	20 years.
Fluid:	Rich Gas Condensate.
H ₂ S/Co ₂ limits:	upto 10% v/v (100,000 ppm)
Length of subject RTP:	1,000 meter

Specially designed RTP
Is a Game-Changer in Oil
and Gas industry REPLACING
use of Special Alloy
Metals.



Pride and Major Achievements



Site Pressure Test at 150%



Series of 1
meter spools
were installed
for continue
testing/analysis



Testimony of
Excellence.

Pride and Major Achievements

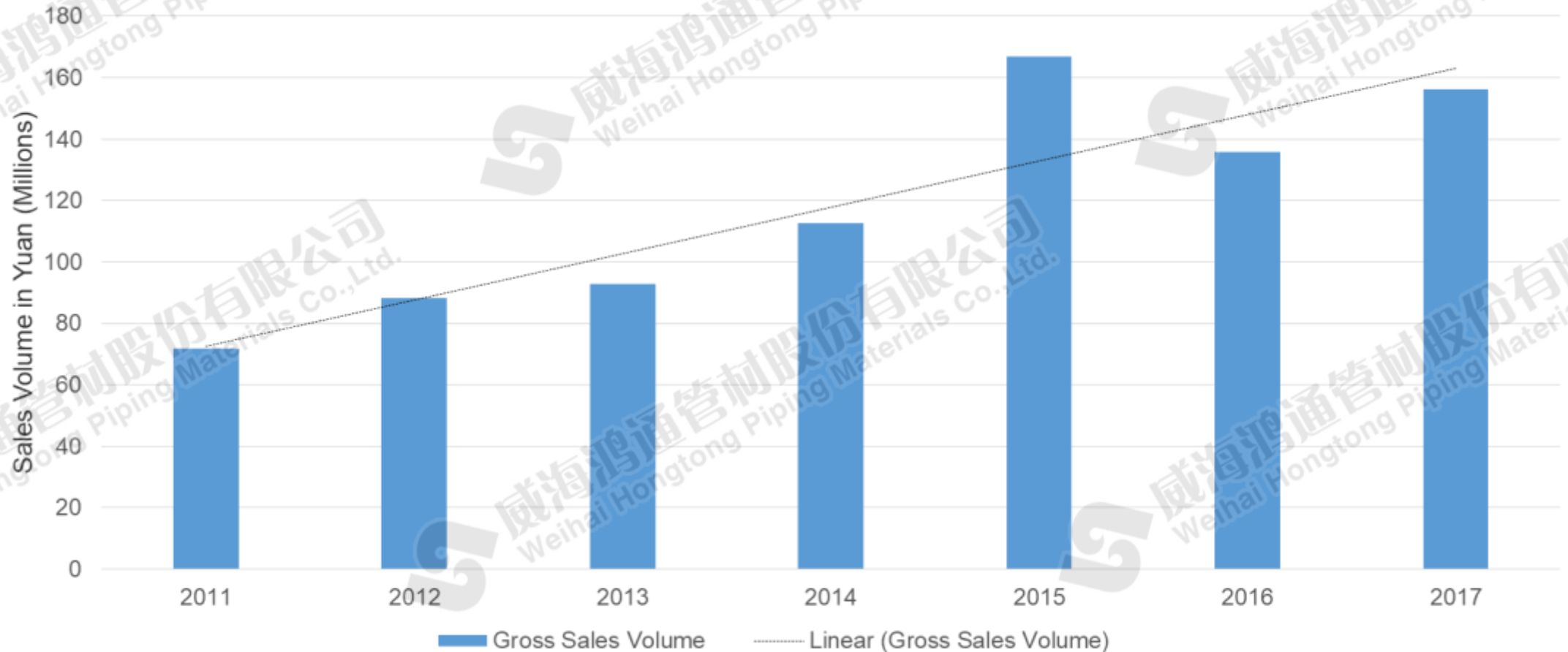


Growth and Outlook

Overseas Presence:

Additional production capacity and sales expected from 2020, in Sultanate of Oman focusing on GCC, Africa, Europe and USA.

Part.01



Production Line of SubSurface Cable-Containing Spoolable Composite Pipes



Production Process of Surface RTP

Part.01

Molding Mechanical Structure Layer



RTP Production
Line Video

Weihai Factory, Shandong, China

Pressure Testing Facility

- New testing facility capable of delivering 80 Mpa testing and Fluid media temperature up to 90 °C.



Computer Unit



Water Bath Heater and long-Hours
Performance Testing Unit (upto 40MPa)

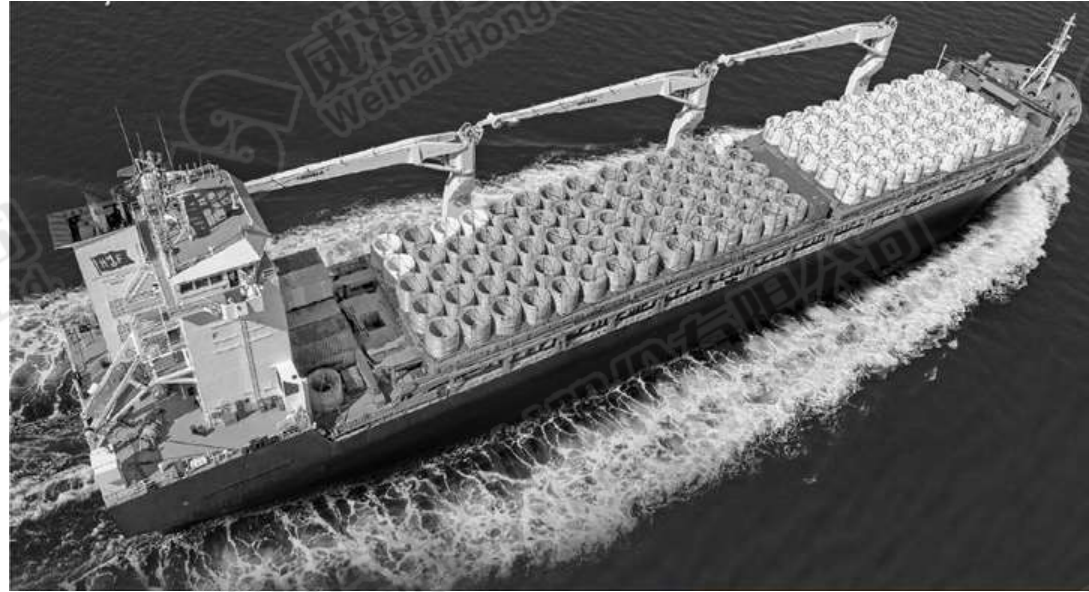


High Pressure Performance Testing
Unit (upto 90MPa)

RTP Transportation – Hongtong China



Oceans Transportation of RTP



Mid Size Shipment Approx 50-100km per flat-layer

Typical full sized large cargo ships can deliver upto 2,000 km.

RTP Transportation – Site Installations



Recommended transportation for quick installation for long lines and minimize installation time.

Transportable by road to suite local traffic specification and restriction requirements.

End Connectors





Corporate Product Video

Production Tubing Installation
and Service Marketing
Demonstration

(12 mins)

Short -SubSurface Flexible
Production Tubing

(3 mins)

Surface Flow lines Flexible
Tubing

(50 sec)



Quality Control Policy Statement

Policy Statement for Quality Controls, Supply Chain and Work Ethics:

- Quality First.
- Supplier verification of critical raw materials from local market or overseas must be **subjected to internal testing and evaluations** to meet company engineering parameters.
- Research and Development will continue to be Hongtong's leading strength over global suppliers of Industrial flexible tubing on oil and gas sector.

Our Commitment

- Deliver products and services that meets standards and clients specifics requirements for Subsurface, Surface and Marine application of non-metallic reinforced line pipes.
- Undertake clients technical enquiries and operational challenges to be solved until technical proven otherwise.



Thank You.

All are welcome to visit our team and production facilities.



<http://www.hongtongpipe.com/>

Q & A