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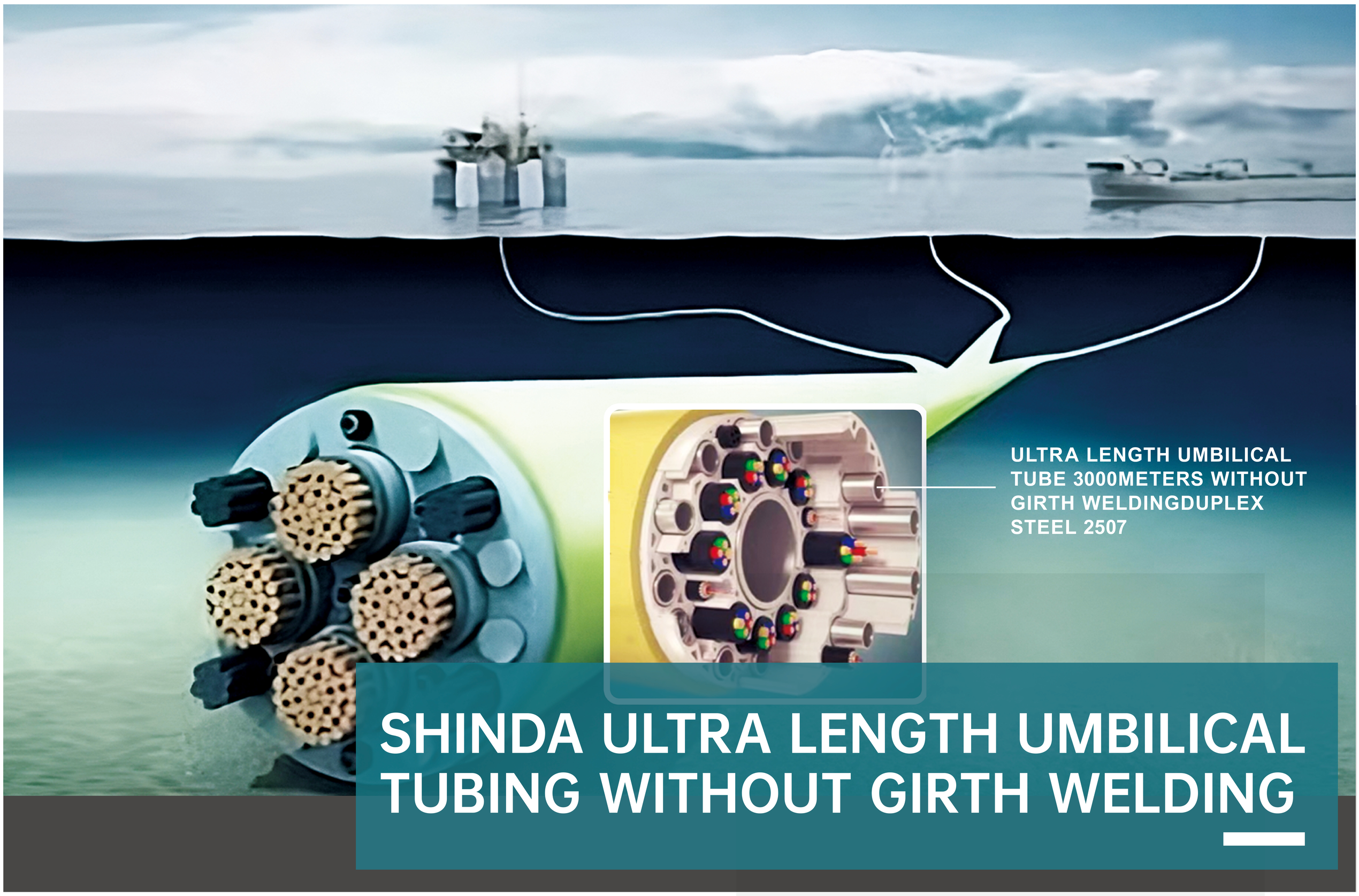


SHINDA ULTRA LENGTH UMBILICAL TUBING WITHOUT GIRTH WELDING

ADVANTAGE

Super Deplex S32750 Seamless Tubedesign (IP71202220093537.7) effectively solve conventional seamless tube potential welding internal burrs and groove corrosion, avoid welding defects like partial

Shinda patent Heat Treatment Process efficiently control duplex steel detrimental intermetallic phase , dramatically increase local corrosion resistance, withstand the harshest environments like HT/HP and High H2S/CO2.

We develop patent(IP71202220093537.7)production line for Ultra Length Umbilical tube for 3000 meter without girth welding.

CAPABILITY AND INSPECTION

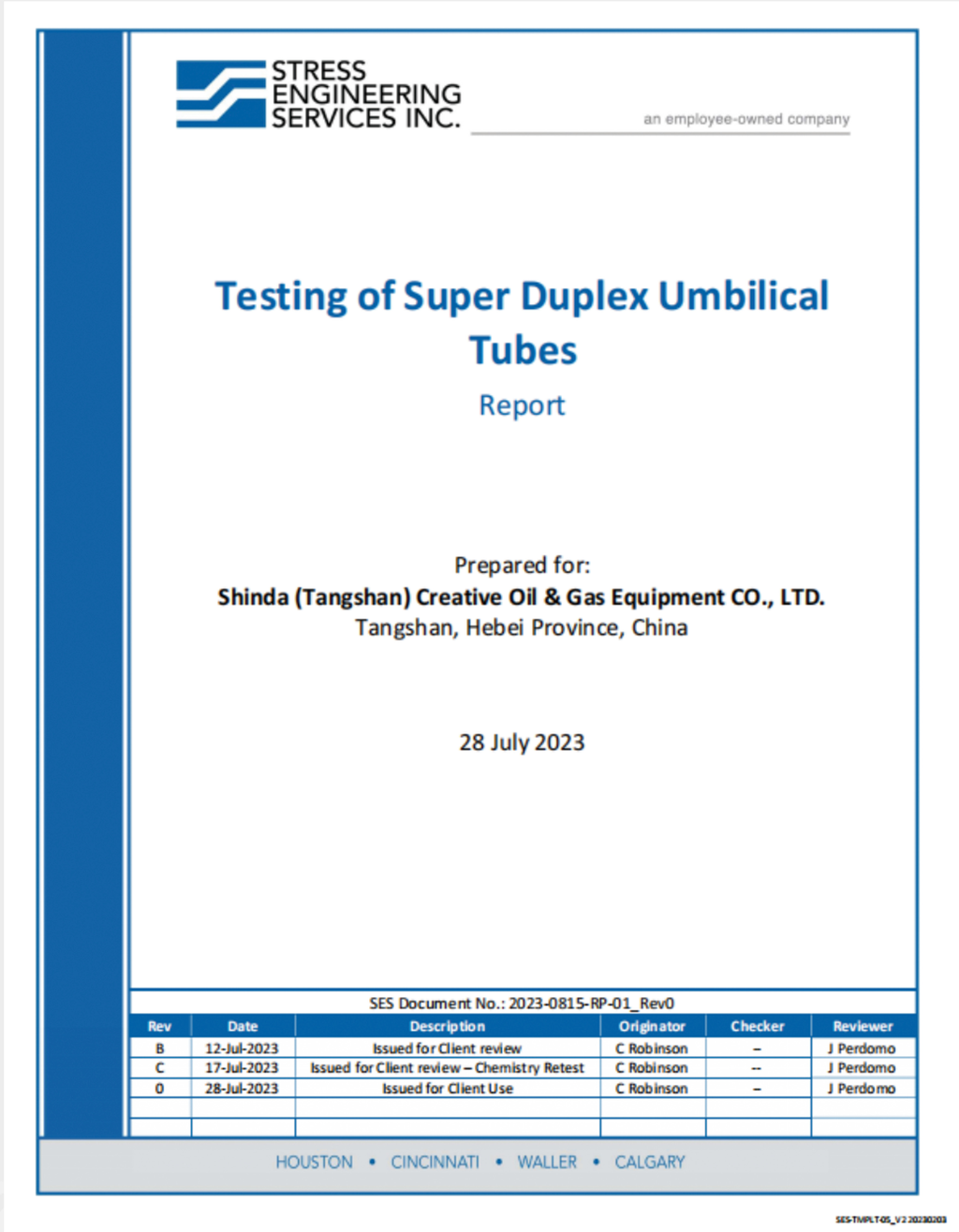
- 1.Customized project-specific PITPs (Production, Inspection & Testing Plan) meeting ;
- 2.Meeting customer/client requirements and complying with API17E / ISO 13628-5;
- 3.Eddy current and ultrasonic testing for full body continuous flaw and wall thickness verification;
- 4.Qualification, in-process and final testing as well as in-process and FAT hydro-testing capability up to 30KSI (207 MPa) at in-house metallurgical laboratory;
- 5.Complete genealogical documentation, material test reports and data books per order and reel.

COMMON SIZE RANGES

COILED AND STRAIGHT TUBES

INNER DIAMETER		WALL THICKNESS (MM)	
in.	mm	min	max
3/8	9.53	1	2
1/2	12.70	1	2.6
5/8	15.88	1	3
3/4	19.05	1.1	4
1	25.40	1.2	5
1¼	31.75	1.5	5
1½	38.10	2	5
1¾	44.45	2.5	8
2	50.80	2.7	8
2¼	57.15	3.20	9.00
2½	63.50	3.50	8.00
2¾	69.85	4.00	8.00
3	76.20	4.30	10.00
3¼	82.55	4.60	8.00
3½	88.90	4.90	12.00
3¾	95.25	5.30	9.00
4	101.60	5.50	14.00
4½	114.30	6.30	16.00
5	127.00	7.00	18.00

QUALIFICATION SAMPLE



STRESS ENGINEERING SERVICES INC.

an employee-owned company

Testing of Super Duplex Umbilical Tubes

Report

Prepared for:
Shinda (Tangshan) Creative Oil & Gas Equipment CO., LTD.
Tangshan, Hebei Province, China

28 July 2023

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B	12-Jul-2023	Issued for Client review	C Robinson	–	J Perdomo
C	17-Jul-2023	Issued for Client review – Chemistry Retest	C Robinson	–	J Perdomo
0	28-Jul-2023	Issued for Client Use	C Robinson	–	J Perdomo

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SES-TMPLT-05_V2 20230203

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