CERTIFICATE OF COMPLIANCE

Certificate Number 20190823-EX27282

Report Reference EX27282-20161128

Issue Date 2019-AUGUST-23

Issued to: SHANDONG LEDE MACHINERY CO LTD

No 3998

West Waihuan N Rd Weicheng District

Weifang

Shandong 261057 CHINA

This certificate confirms that STRAINERS, PIPELINE representative samples of See Addendum Page

Have been investigated by UL in accordance with the

Standard(s) indicated on this Certificate.

Standard(s) for Safety: Outline of Investigation for Pipeline Strainers, Subject 321.

ULC/ORD-C321-03, Pipeline Strainers.

Additional Information: See the UL Online Certifications Directory at

https://ig.ulprospector.com for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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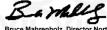
Issue Date 2019-AUGUST-23

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Strainers, Y type, Model 6101, in sizes 2, 2.5, 3, 4, 5, 6 and 8 with rated pressure of 300 psi utilize an ASME/ANSI B16.1 Class 125 Flange. Loss of head will approximate 2.96 psi (20.43 kPa) for the 2 in. size at 156.9 GPM (594 LPM), 2.91 psi (20.08 kPa) for the 2.5 in. size at 223.8 GPM (847 LPM), 2.76 psi (19.01 kPa) for the 3 in. size at 345.6 GPM (1308 LPM), 2.28 psi (15.69 kPa) for the 4 in. size at 595.2 GPM (2253 LPM), 1.81 psi (12.45 kPa) for the 5 in. size at 935.3 GPM (3541 LPM), 1.70 psi (11.74 kPa) for the 6 in. size at 1350.7 GPM (5113 LPM), 2.37 psi (16.32 kPa) for the 8 in. size at 2338.9 GPM (8854 LPM).

Strainers, Y type, Model 6102, in sizes 2, 2.5(76.1mm), 3, 4, 5, 5(139.7mm), 6, 6(165.1mm) and 8 with rated pressure of 362 psi utilize an AWWA C606 Groove. Loss of head will approximate 2.96 psi (20.43 kPa) for the 2 in. size at 156.9 GPM (594 LPM), 2.91 psi (20.08 kPa) for the 2.5 in. size at 223.8 GPM (847 LPM), 2.76 psi (19.01 kPa) for the 3 in. size at 345.6 GPM (1308 LPM), 2.28 psi (15.69 kPa) for the 4 in. size at 595.2 GPM (2253 LPM), 1.81 psi (12.45 kPa) for the 5 in. size at 935.3 GPM (3541 LPM), 1.70 psi (11.74 kPa) for the 6 in. size at 1350.7 GPM (5113 LPM), 2.37 psi (16.32 kPa) for the 8 in. size at 2338.9 GPM (8854 LPM).

Strainers, Y type, Model 6103, in sizes 2, 2.5, 3, 4, 5, 6 and 8 with rated pressure of 232 psi utilize an EN1090-2 Flange. Loss of head will approximate 2.96 psi (20.43 kPa) for the 2 in. size at 156.9 GPM (594 LPM), 2.91 psi (20.08 kPa) for the 2.5 in. size at 223.8 GPM (847 LPM), 2.76 psi (19.01 kPa) for the 3 in. size at 345.6 GPM (1308 LPM), 2.28 psi (15.69 kPa) for the 4 in. size at 595.2 GPM (2253 LPM), 1.81 psi (12.45 kPa) for the 5 in. size at 935.3 GPM (3541 LPM), 1.70 psi (11.74 kPa) for the 6 in. size at 1350.7 GPM (5113 LPM), 2.37 psi (16.32 kPa) for the 8 in. size at 2338.9 GPM (8854 LPM).



Bruce Mahrenholz, Director North American Certification Program

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