



RenoNix Heater Bellows Repair

2020.09.03



Contents



Company Compendium



Heater Bellows Repair



RenoNix Major Customer

1. Company Profile

Established 04th November 2010

Business

Semiconductor tools marketing, Refurbishment, Installation, Relocation, Conversion & Modification, Parts outsourcing, Technical Service, On call service & Technical Development & manufacturing

Capital 330K USD

Employee 16 Persons

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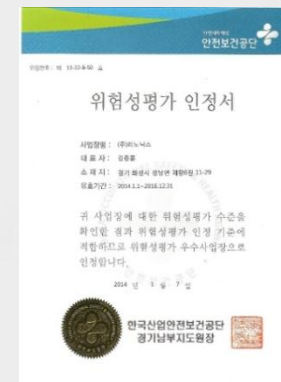
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QAIC/KR/4291-B



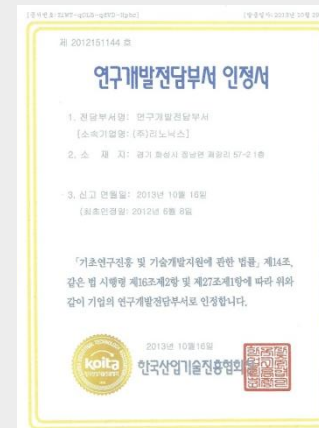
✓ISO14001
QAIC/KR/4292-B



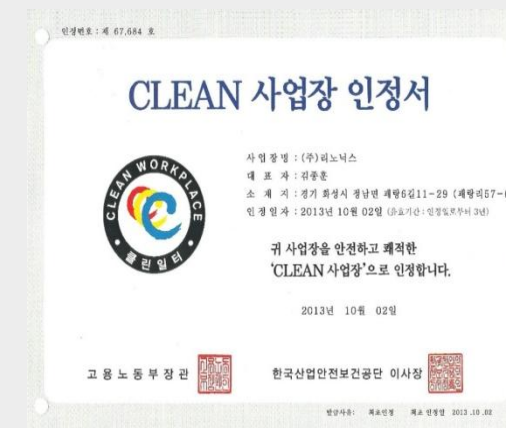
✓Enterprise Risk Management
13-22-B-50



✓Research Institute
2012151144



✓Clean Industry
67,684



2. Heater Bellows Repair

- The Heater Bellows needs to be replaced on a regular basis as the probability of a process trouble due to leakage increases during long-term use.
- However, the Heater is an expensive item and the cost is very high when change it regularly.
- We can provide heater bellows repair service, which will reduce costs and stabilize processes.


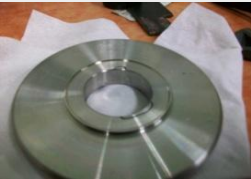

➤ Available Heater Bellows Repair List

구분	Wafer Size	OEM P/N
A101	8"	0010-21246, 0020-20125C
	12"	0010-49546Rev004
Standard	8"	0010-70254
HTHU	8"	0010-76152
B101	8"	0010-13626
	12"	0010-27433Rev001
Pedestal	12"	0010-33071, 0010-42031, 0010-49546
MCA ESC	6"	0010-01456-H4-0000
	8"	0010-03361-002 PM4-00, 0010-01286-003 QM0-00
		0010-03254-002 QM0-00, 0010-03264-002 QM4-00
		0010-13895-01 ABM0-00, 0010-04450-001ALM4-00
		0010-01925-01ABM4-00, 0010-13897-002JBM5-00
	0010-12516-07LTA00	
	12"	0010-27430BEGG1M5-000, 0010-23066BEGG1M5-000
		0010-23068BEGG1M5-000, 0010-18986-08LTE-000
		0010-56201HTBV-000, 0010-51328HTBV-000, 0010-54007HTBV-000
		0010-27938HTB2-000, 0010-16109LTE-000, 0010-24456LTE-000
0010-03677LTE-000, 0010-22985-008LTE-000, 0010-14204-001LTE-000		
Single Zone (Al Heater)	12"	0010-34833-02AMH-0302S




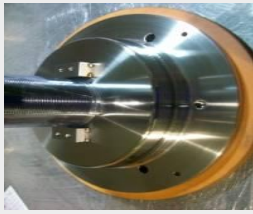
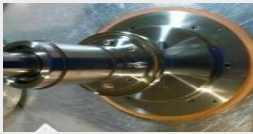

2. Heater Bellows Repair

➤ Heater Bellows Repair Procedure

Item	Heater Bellows Repair (200mm, 300mm)	Picture
Incoming	Visual Inspection – Check for ceramic crack, wire condition, orientation	
	Take photo	
	Check for Heater Number (OEM Number, Serial Number)	
	Labeling	
Disassembly	Cut Bellows, Bracket	
	Sanding	
	Cable Dressing, Check wire broken	
Manufacturing	Manufacture Welding Flesh	
	Sanding	
	Confirm straight angle	

2. Heater Bellows Repair

➤ Heater Bellows Repair Procedure

Item	Heater Bellows Repair (200mm, 300mm)	Picture
Cleaning	Bearing, Shaft, Other Parts	N / A
Leak Check	He Line Leak Check	
	Welding Flesh, Flange Leak Check	
	ESC Surface Leak Check	
Welding	Bellows Welding	
	Orientation Check By Jig	
	Bellows Flange Welding	
Assembly	Assembling Bearings And Other Parts	
	Final Inspection	
Packing	Packing Products For Shipping	

RenoNix Major Customer

ON Semiconductor®



Dongbu HiTek
Agricultural Business

SILTERRA

UMC-SG

SSMC



em microelectronic

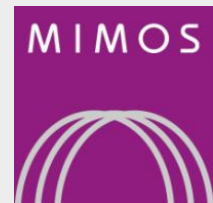


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Contact Point

**We're Capable of Most of service for PVD,CVD, ETCH areas.
If you have any inquiry or interest , please feel free to contact us.**



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