

## Excess Tools Part List & Accessories Declaration Form

**Transaction Type** : Retirement for Sale/Trade In/Scrap/Intercompany/Temporary Storage

**Tool ID** : EE-ECB-51

**Date** : 30 Jul 2018

**Remark** : ETXB0301 total 3 TEL TE process chamber, but 1ea chambers damaged during delivery and did not do overhaul. This delaration form just lists out 2ea process chambers configuration list.

**a. General**

Cat	Description
<b>Vendor / Supplier</b>	TEL
<b>Model</b>	Telius SP 305 SCCM TE
<b>Process</b>	Contact Etch
<b>Vintage (Year of Manufacture)</b>	2007
<b>Serial No.</b>	H01378
<b>Asset Description</b>	
<b>Tool Status</b>	Completed refurbishment
<b>Software Version</b>	5.65
<b>CIM</b>	Yes

**b. Hardware Configuration (Fab)**

Cat	Description	Qty / Units	Status,tick if ok[✓ ]
<b>Main System</b>	Main mini environment Platform	1	ok[✓ ]
<b>SMIF System</b>	Shinko	4	ok[✓ ]
<b>Handler System</b>	Shinko	1	ok[✓ ]
	Orient	1	ok[✓ ]
<b>Process chamber 1</b>	Pendulum Valve	1	ok[✓ ]
	Turbo pump	1	ok[✓ ]
	Shutter assembly	1	ok[✓ ]
	RF generator/Matcher	1	ok[✓ ]
	Process kits	Set	Need to change new kits
	ESC assembly	1	Need to change new kits
	Gauge	Set	ok[✓ ]
<b>Process chamber 2</b>	Pendulum Valve	1	ok[✓ ]
	Turbo pump	1	ok[✓ ]
	Shutter assembly	1	ok[✓ ]
	RF generator/Matcher	1	ok[✓ ]
	Process kits	Set	Need to change new kits
	ESC assembly	1	Need to change new kits
	Gauge	Set	ok[✓ ]
<b>Load lock module</b>	LLM CM VAC Valve	1	ok[✓ ]
	ARM DRIVE	1	ok[✓ ]
	ARM Fork	1	ok[✓ ]
	Gauge	1	ok[✓ ]
<b>End point detection</b>	SE2000	1	ok[✓ ]
<b>Gas panel for PM1/PM2</b>	H2	1	MFC Lack
	CH2F2	1	ok[✓ ]
	CH3F	1	MFC Lack
	CF4	1	ok[✓ ]
	O2	1	ok[✓ ]
	O2	1	ok[✓ ]
	C4F6	1	ok[✓ ]
	C4F8	1	ok[✓ ]
	CHF3	1	ok[✓ ]
	CO	1	ok[✓ ]
	Ar	1	ok[✓ ]
	N2	1	MFC Lack

**c. Hardware Configuration (Subfab / Auxilliary Units)**

Sub Accessories / Auxilliary Units	Qty / Units	Status,tick if ok[✓ ]
Power rack	set	ok[✓ ]

**d. Missing/Faulty Parts / Accesories List (Base on 2 Process chamber)**


(If NO missing/faulty parts/accessories please indicate NA)

Description	Qty / Units
Dry pump lack	5ea
Fault Chiller	2ea
Abatement lack	1ea
MFC lack	6ea
Fault chamber process kits	2 sets
Fault ESC assembly	2 sets
System Hard disk missing	1 ea
<b>Total Estimated USD</b>	

## Tool Photos (Photos must make sense to show all the major parts intact)

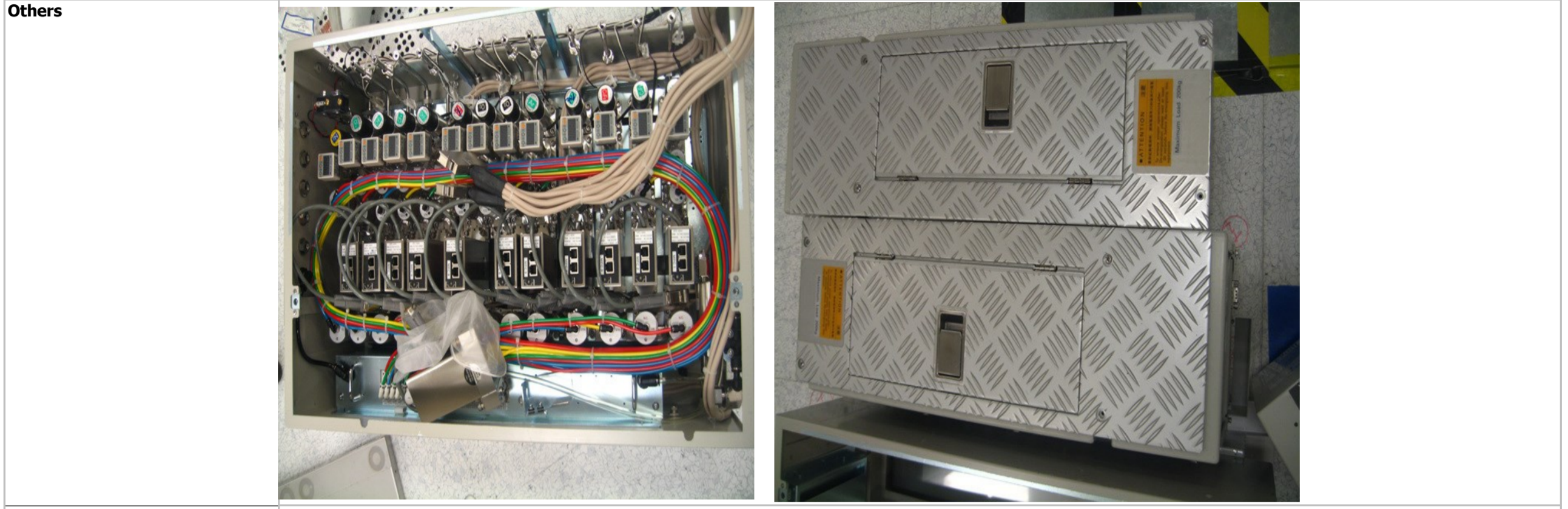
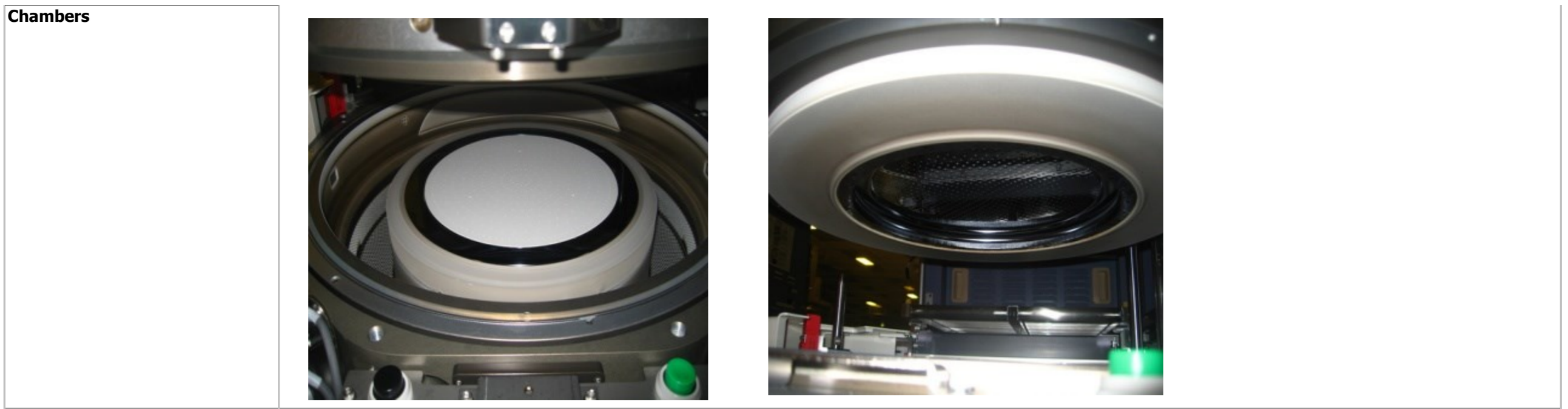
**Tool ID** : EE-ECB-51  
**Date** : 30.07.2018

**a. General**

Description	Photos
<p><b>Eqpt ID</b></p> <p><b>Vendor / Supplier / Model</b></p> <p><b>INCLUDE A PHOTO OF THE SERIAL NUMBER TAG THAT IS AFFIXED TO THE TOOL.</b></p>	

**b. Hardware Configuration (Fab)**

Description	Photos
<p><b>Main System</b></p>	
<p><b>SMIF System</b></p>	
<p><b>Handler System</b></p>	



**c. Hardware Configuration (Subfab / Auxilliary Units)**

Description	Photos
	 

**d. Missing Parts [photos showing major missing parts] -----Only 2ea TEL TE process chamber, not including Shin chamber**

Description	Photos
<b>MFC</b>	3EA (Standard 12ea gas line, total 9ea MFC, 3ea MFC lack)
<b>Dry pump</b>	5ea (Need to procure extra dry pump)
<b>Abatement</b>	1ea
<b>Fault Chiller</b>	2ea

## Equipment Configuration

<b>Eqpt ID</b>	<b>EE-ECB-51</b>
<b>Tool Status</b>	<b>Completed refurbishment</b>
<b>Chamber Components</b>	
Argon Laser JDS Uniphase 75mW	ok
Chuck Edgegrip	ok
Robot overhaul and calibrated	ok
Loadport overhaul and calibrated	ok
Gate valve overhaul completed	ok
Door valve overhaul completed	ok
LLM CM VAC Valve/ARM DRIVE/ARM Fork overhaul completed	ok
Turbo pump overhaul completed	ok
RF generator/Matcher overhaul completed	ok
Shutter assembly overhaul completed	ok
Pendulum Valve overhaul completed	ok
MFC overhaul completed	ok
Lift Pin assembly overhal completed	ok
H2/N2 retrofit completed	ok