



## Checklist Creation Process

**1. Scope and Objective:** This procedure provides a guideline on how to pull data from multiple sources and add it in Checklist. The purpose of this document is to provide detailed instructions on how to reach data at different locations so that any team member can carry out the task correctly every time. The purpose or objective Checklist is to share equipment tool to tool matching data in a Source Checklist which is requested by Customer.

### 2. Responsibilities:

Sr. No.	Data Source	Data Owner
1	ATAC data	Steven Grout
3	ATAC data (Remote Factory)	Heriberto Rivera
3	Livermore MFG.	Rebecca Farr
4	Osan MFG.	Denial Kang, In Sub So
5	Tualatin MFG.	Curtis Herring
6	Account Team	Sophia Lee
7	Configuration Engineer	Carol Hernandez, Kevin Hoder
8	GSQA	Raj Natraj, Sidharth Jasoriya
9	Cellfusion (PN SN)	Carol Lee
10	CF data (DPG)	Curtis Herring
11	CF dashboards	Tony Kmetetz

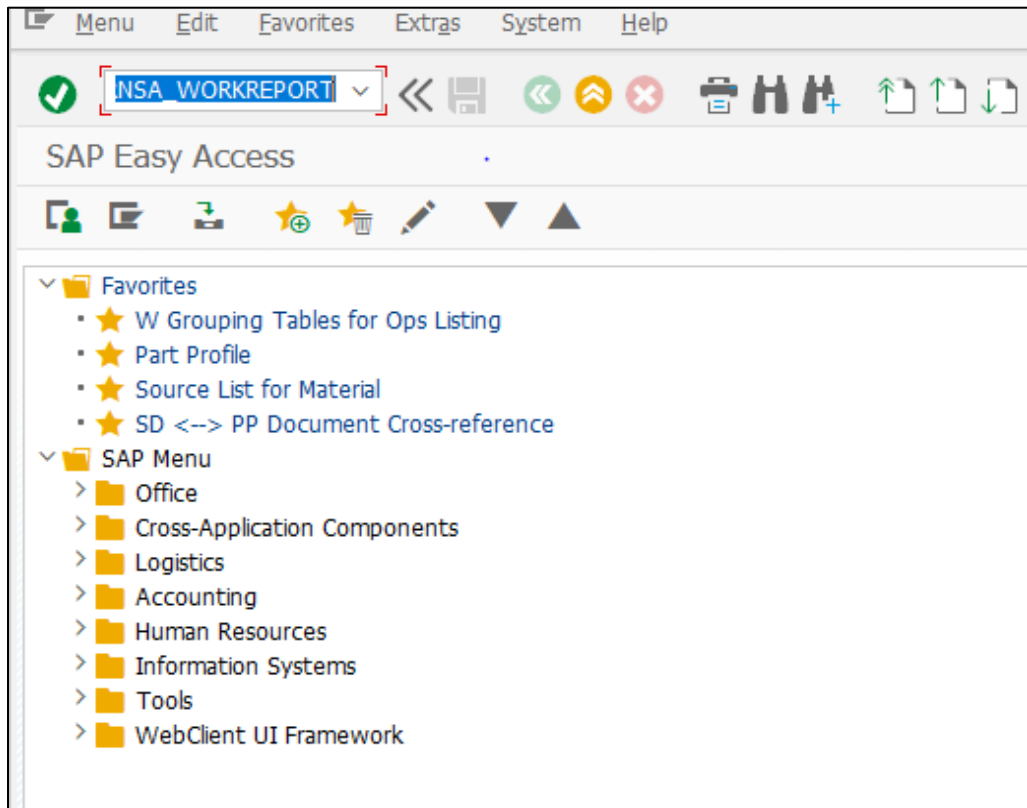
### 3. Acronyms:

1. **eTTTM:** equipment Tool to Tool Matching
2. **GSQA:** Global Supplier Quality Assurance
3. **CID:** Checklist ID
4. **FCID:** Forecast ID
5. **SAP:** System Applications and Products
6. **CF:** Cellfusion
7. **NSR:** Non Standard Request

## 4. Procedure:

### 1. Update NSR report:

- a. To reach NSR report from SAP, process T-code **ZRNSA\_WORKREPORT**.



- b. Populate Title search with **\*eTTTM\***.

The screenshot shows the 'NSA Daily Work Report' form. The form has a title bar 'NSA Daily Work Report' and a toolbar with various icons. Below the title bar, there is a section titled 'NSA Filter data'. This section contains a table with filter fields. The 'Title Search' field is highlighted with a red box and contains the text '\*eTTTM\*'. The other filter fields are empty.

NSA Filter data			
FID Number		to	
NSR Number		to	
Material		to	
Title Search	[x] *eTTTM*		
Subsystem			
Material Driver			
NSA Customer		to	
NSA Module		to	
NSA Engr Assigned		to	

c. NSR report will appear, export it in excel format.

NSA Daily Work Report													
Customer Name	NSA Module	Fid Number	Nsr No.	NSA Type	NSR Title	Qty	Subs	Mat Driver	Rev/Lev	Eng Assgn	Del Ind	Created	Created On
SAMSUNG ELECTRONICS CO. LTD	WTS_MAX-H/ALT_Maxx2	179143	506331	DEPOSITION	ALTS MAX,eTTTM CK LST	2	C3AM	A				CRMUSER	10/02/2019
SAMSUNG ELECTRONICS CO. LTD	E4/KyoFXx3	181272	108079	ETCH	eTTTM Check list_KyoFX	3	COND	A	N/A			CRMUSER	10/23/2019
SAMSUNG ELECTRONICS CO. LTD	E4/CoronusHPx3	181294	201732	BEVEL	eTTTM Check list_Coronus HP	3	BVL	A				CRMUSER	12/22/2019
SAMSUNG ELECTRONICS CO. LTD	E4/CoronusHPx3	181300	201732	BEVEL	eTTTM Check list_Coronus HP	3	BVL	A				CRMUSER	12/22/2019
SAMSUNG CHINA SEMICONDUCTOR CO	E4/KyoGX ARIA Fortex3	181587	107916	ETCH	Etch eTTTM source inspection_KyoGX ARIA	3	COND	A	ETTTM			CRMUSER	06/26/2019
SAMSUNG CHINA SEMICONDUCTOR CO	E4/KyoFXx3	181590	108079	ETCH	Etch eTTTM Check list_KyoFX	3	COND	A	N/A			CRMUSER	07/16/2019
SAMSUNG ELECTRONICS CO. LTD	M4C/EXT_STRK_OX_EPx2	183377	506262	DEPOSITION	BF,STRKR_OX,eTTTM check sheet, #other#	2	SOEP	A				CRMUSER	12/06/2019
SAMSUNG ELECTRONICS CO. LTD	SAB_HTFE/SAB_Max	183389	506340	DEPOSITION	BF,SBK Max w/ HTFE, eTTTM CHECK LIST, #COA#	1	SBMX	A				CRMUSER	02/12/2020
SAMSUNG ELECTRONICS CO. LTD	E4/FlexFXx3	185400	201732	BEVEL	eTTTM Check list_Coronus HP	3	BVL	A				CRMUSER	12/03/2019
SAMSUNG (CHINA) SEMICONDUCTOR	E4/CoronusHPx3	188810	201732	BEVEL	eTTTM Check list_Coronus HP	3	BVL	A				CRMUSER	07/16/2019
SAMSUNG CHINA SEMICONDUCTOR CO	E4/KyoGX ARIA Fortex3	188884	107916	ETCH	Etch eTTTM source inspection_KyoGX ARIA	3	COND	A	ETTTM			CRMUSER	06/26/2019
SAMSUNG CHINA SEMICONDUCTOR CO	E4/KyoFXx3	188910	108095	ETCH	Etch eTTTM Check list_KyoFXE	3	COND	A	N/A			CRMUSER	07/16/2019
SAMSUNG CHINA SEMICONDUCTOR CO	E4/KyoFXx3	188911	108095	ETCH	Etch eTTTM Check list_KyoFXE	3	COND	A	N/A			CRMUSER	07/18/2019
SAMSUNG CHINA SEMICONDUCTOR CO	E4/KyoFXx3	188912	108079	ETCH	Etch eTTTM Check list_KyoFX	3	COND	A	N/A			CRMUSER	07/24/2019
SAMSUNG CHINA SEMICONDUCTOR CO	E4/KyoFXx3	188913	108079	ETCH	Etch eTTTM Check list_KyoFX	3	COND	A	N/A			CRMUSER	07/16/2019
SAMSUNG (CHINA) SEMICONDUCTOR	E6/FLEXHX_PLUSx6	188938	108106	ETCH	Etch eTTTM Check list_Flex HX Plus	6	DIEL	A	N/A			CRMUSER	07/16/2019
SAMSUNG CHINA SEMICONDUCTOR CO	E6/FLEXHX_PLUSx6	188946	108106	ETCH	Etch eTTTM Check list_Flex HX Plus	6	DIEL	A	N/A			CRMUSER	07/17/2019
SAMSUNG ELECTRONICS CO. LTD	E4/CoronusHPx3	191509	201732	BEVEL	eTTTM Check list_Coronus HP	3	BVL	A				CRMUSER	10/24/2019
SAMSUNG ELECTRONICS CO. LTD	E4/KyoFXx3	191513	108095	ETCH	eTTTM Check list_KyoFXE	3	COND	A	N/A			CRMUSER	11/21/2019
SAMSUNG ELECTRONICS CO. LTD	M4C/EXT_COREx2	191517	507129	DEPOSITION	BF,VXT CORE,NDC,eTTTM check sheet	1	VTIL	A				CRMUSER	02/14/2020
SAMSUNG ELECTRONICS CO. LTD	WTS_MAX-H/ALT_Maxx2	191553	506331	DEPOSITION	ALTS MAX,eTTTM CK LST	2	C3AM	A				CRMUSER	10/02/2019
SAMSUNG ELECTRONICS CO. LTD	WTS_MAX-H/ALT_Maxx2	191554	506331	DEPOSITION	ALTS MAX,eTTTM CK LST	2	C3AM	A				CRMUSER	10/02/2019
SAMSUNG ELECTRONICS CO. LTD	WTS_MAX_XH4/C3 DirectFill Max WN Module	191568	506367	DEPOSITION	ALTS WN,eTTTM CK LST	4	C3AN	A				CRMUSER	10/17/2019
SAMSUNG ELECTRONICS CO. LTD	E4/KyoGX ARIA Fortex3	193328	107916	ETCH	Etch eTTTM Check list_KyoGX ARIA	3	COND	A	N/A			CRMUSER	09/05/2019
SAMSUNG CHINA SEMICONDUCTOR CO	E4/KyoFXx3	195100	108095	ETCH	Etch eTTTM Check list_KyoFXE	3	COND	A	N/A			CRMUSER	08/07/2019
SAMSUNG ELECTRONICS CO. LTD	E6/FLEXHX_PLUSx6	195226	108106	ETCH	eTTTM Check list_Flx HX+	6	DIEL	A	N/A			CRMUSER	01/22/2020
SAMSUNG ELECTRONICS CO. LTD	E4/CoronusHPx3	195736	201732	BEVEL	eTTTM Check list_Coronus HP	3	BVL	A				CRMUSER	03/11/2020
SAMSUNG CHINA SEMICONDUCTOR CO	E6/FLEXHX_PLUSx6	196712	108106	ETCH	Etch eTTTM Check list_Flex HX Plus	6	DIEL	A	N/A			CRMUSER	10/01/2019
SAMSUNG CHINA SEMICONDUCTOR CO	E6/FLEXHX_PLUSx6	196713	108106	ETCH	Etch eTTTM Check list_Flex HX Plus	6	DIEL	A	N/A			CRMUSER	10/01/2019
SAMSUNG (CHINA) SEMICONDUCTOR	E6/FLEXHX_PLUSx6	196714	108106	ETCH	Etch eTTTM Check list_Flex HX Plus	6	DIEL	A	PM TEST			CRMUSER	10/01/2019
SAMSUNG - M PROJECT CHINA - II	E4/KyoGX ARIA Fortex3	196718	107916	ETCH	Etch eTTTM Check list_KyoGX ARIA	3	COND	A				CRMUSER	09/25/2019
SAMSUNG (CHINA) SEMICONDUCTOR	E4/KyoGX ARIA Fortex3	196719	107916	ETCH	Etch eTTTM Check list_KyoGX ARIA	3	COND	A	N/A			CRMUSER	11/07/2019
SAMSUNG (CHINA) SEMICONDUCTOR	E4/KyoFXx3	196720	108079	ETCH	Etch eTTTM Check list_KyoFX	3	COND	A	N/A			CRMUSER	11/07/2019
SAMSUNG (CHINA) SEMICONDUCTOR	E4/KyoFXx3	196721	108095	ETCH	eTTTM Check list_KyoFXE	3	COND	A	N/A			CRMUSER	02/04/2020
SAMSUNG (CHINA) SEMICONDUCTOR	E4/KyoFXx3	196721	108079	ETCH	Etch eTTTM Check list_KyoFX	3	COND	A	N/A			CRMUSER	11/07/2019
SAMSUNG (CHINA) SEMICONDUCTOR	E4/CoronusHPx3	196726	201732	BEVEL	eTTTM Check list_Coronus HP	3	BVL	A				CRMUSER	10/24/2019
SAMSUNG (CHINA) SEMICONDUCTOR	E4/CoronusHPx3	196737	201732	BEVEL	eTTTM Check list_Coronus HP	3	BVL	A				CRMUSER	09/26/2019

d. Export report and update the NSR file on eTTTM SharePoint site with tool des, FCID, SO, NSR no. and Fab name.

PRODUCT	FCID	SO	NSR	STATUS	SYSTEM DESCRIPTION	NSR Title	LPR Customer FAB	MCSD	Month	NOTES
ETCH	188938	A6234	108106	APPROVED	E6/FLEXHXx6	Etch eTTTM Check list_Flex HX Plus	SAMSUNG - M PROJECT CHINA - II	8/1/2019	08	Checklist Complete
ETCH	188910	A7623	108095	APPROVED	E4/KyoFXx3	Etch eTTTM Check list_KyoFXE	SAMSUNG - M PROJECT CHINA - II	8/5/2019	08	Checklist Complete
BEVEL	188810	A4768	201732	APPROVED	E4/CoronusHPx3	eTTTM Check list_Coronus HP	SAMSUNG - M PROJECT CHINA - II	8/10/2019	08	Checklist Complete
ETCH	188911	A5848	108095	APPROVED	E4/KyoFXx3	Etch eTTTM Check list_KyoFXE	SAMSUNG - M PROJECT CHINA - II	8/10/2019	08	Checklist Complete
ETCH	188884	A4778	107916	APPROVED	E4/KyoGX ARIA Fortex3	Etch eTTTM source inspection_KyoGX ARIA	SAMSUNG - M PROJECT CHINA - II	8/10/2019	08	Checklist Complete
ETCH	188912	A6571	108079	APPROVED	E4/KyoFXx3	Etch eTTTM Check list_KyoFX	SAMSUNG - M PROJECT CHINA - II	9/20/2019	09	Checklist Complete
ETCH	188913	A7496	108079	APPROVED	E4/KyoFXx3	Etch eTTTM Check list_KyoFX	SAMSUNG - M PROJECT CHINA - II	9/28/2019	09	Checklist Complete
ETCH	181590	A7374	108079	APPROVED	E4/KyoFXx3	Etch eTTTM Check list_KyoFX	SAMSUNG - M PROJECT CHINA - II	10/2/2019	10	Checklist Complete
ETCH	188946	A6238	108106	APPROVED	E6/FLEXHXx6	Etch eTTTM Check list_Flex HX Plus	SAMSUNG - M PROJECT CHINA - II	10/4/2019	10	Checklist Complete
ETCH	194933	A8740	108106	APPROVED	E6/FLEXHX PLUSx6	Etch eTTTM Check list_Flex HX Plus	SAMSUNG - M PROJECT CHINA - II	10/10/2019	10	Checklist Complete
ETCH	199494	A8738	108106	APPROVED	E6/FLEXHX PLUSx6	Etch eTTTM Check list_Flex HX Plus	SAMSUNG - M PROJECT CHINA - II	10/15/2019	10	Checklist Complete
DEPOSITION	199273	A8224		TBD	M1C/EXC_DBx2	#N/A	SAMSUNG - M PROJECT CHINA - II	10/15/2019	10	WIP - DPG PRELIMINAR
DEPOSITION	199270	A8474		TBD	M1C/EXC_DB/EXC_MD/E	#N/A	SAMSUNG - M PROJECT CHINA - II	10/18/2019	10	WIP - DPG PRELIMINAR
ETCH	199496	A9360	108106	APPROVED	E6/FLEXHX PLUSx6	Etch eTTTM Check list_Flex HX Plus	SAMSUNG - M PROJECT CHINA - II	10/20/2019	10	Checklist Complete
ETCH	199495	A9356	108106	APPROVED	E6/FLEXHX PLUSx6	Etch eTTTM Check list_Flex HX Plus	SAMSUNG - M PROJECT CHINA - II	10/31/2019	10	Checklist Complete
BEVEL	199483	A9476	201732	APPROVED	E4/CoronusHPx3	eTTTM Check list_Coronus HP	SAMSUNG - M PROJECT CHINA - II	11/5/2019	11	Checklist Complete
ETCH	195100	A9633	108095	APPROVED	E4/KyoFXx3	Etch eTTTM Check list_KyoFXE	SAMSUNG - M PROJECT CHINA - II	11/5/2019	11	Checklist Complete
ETCH	199498	A9463	108106	APPROVED	E6/FLEXHX PLUSx6	Etch eTTTM Check list_Flex HX Plus	SAMSUNG - M PROJECT CHINA - II	11/5/2019	11	Checklist Complete
ETCH	199499	A9503	108106	APPROVED	E6/FLEXHX PLUSx6	Etch eTTTM Check list_Flex HX Plus	SAMSUNG - M PROJECT CHINA - II	11/15/2019	11	Checklist Complete
BEVEL	199484	A9767	201732	APPROVED	E4/CoronusHPx3	eTTTM Check list_Coronus HP	SAMSUNG - M PROJECT CHINA - II	11/16/2019	11	Checklist Complete
ETCH	199035	A9787	108095	APPROVED	E4/KyoFXx3	Etch eTTTM Check list_KyoFXE	SAMSUNG - P II PROJECT DRAM	11/22/2019	11	Checklist Complete
ETCH	181587	A9639	107916	APPROVED	E4/KyoGX ARIA Fortex3	Etch eTTTM source inspection_KyoGX ARIA	SAMSUNG - M PROJECT CHINA - II	12/4/2019	12	Checklist Complete
ETCH	199489	A9568	108540	APPROVED	E4/FlexFSEx3	Etch eTTTM Check list_Flex FSE	SAMSUNG - M PROJECT CHINA - II	12/5/2019	12	Checklist Complete
ETCH	200429	A9561	108106	APPROVED	E6/FLEXHX PLUSx6	Etch eTTTM Check list_Flex HX Plus	SAMSUNG - P PROJECT NAND - II	12/6/2019	12	Checklist Complete
ETCH	200430	A9560	108106	APPROVED	E6/FLEXHX PLUSx6	Etch eTTTM Check list_Flex HX Plus	SAMSUNG - P PROJECT NAND - II	12/9/2019	12	Checklist Complete
ETCH	199503	B0342	108079	APPROVED	E4/KyoFXx3/ST45	Etch eTTTM Check list_KyoFX	SAMSUNG - M PROJECT CHINA - II	12/13/2019	12	Checklist Complete
ETCH	200443	A9568	108540	APPROVED	E4/FlexFSEx3	Etch eTTTM Check list	SAMSUNG - P PROJECT NAND - II	12/18/2019	12	Checklist Complete
ETCH	200435	A9562	107916	APPROVED	E4/KyoGX ARIA Fortex3	Etch eTTTM Check list_KyoGX ARIA	SAMSUNG - P PROJECT NAND - II	12/18/2019	12	Checklist Complete
ETCH	198008	B0727	108106	APPROVED	E6/FLEXHX PLUSx6	Etch eTTTM Check list_Flex HX Plus	SAMSUNG - P PROJECT NAND - II	12/18/2019	12	Checklist Complete
BEVEL	199485	B1368	201732	APPROVED	E4/CoronusHPx3	eTTTM Check list_Coronus HP	SAMSUNG - M PROJECT CHINA - II	12/19/2019	12	Checklist Complete
BEVEL	199486	B1366	201732	APPROVED	E4/CoronusHPx3	eTTTM Check list_Coronus HP	SAMSUNG - M PROJECT CHINA - II	12/19/2019	12	Checklist Complete
ETCH	199504	A9569	108095	APPROVED	E4/KyoFXx3	Etch eTTTM Check list_KyoFXE	SAMSUNG - M PROJECT CHINA - II	12/20/2019	12	Checklist Complete

2. To add MCSDs in NSR report, use Sales report or T-code ZRLPR\_SEQD in SAP. Uncheck **Exclude Completed Modules** option.

**Report Type**

☒ Report  
☐ Download to Excel

**Selection Criteria**

POM

Launch Date  to

FID  198012

LPR Number

Sales Order

Sales Item

Material Number

DMRF Number

Module Type  PM

System Type  to

Sub Type  to

Mfg Plant (Shortages)

**Inventory**

Plant Code  to

**Others**

☐ Include Carry Over

☐ Un-Shipped Only

☐ Exclude Future Shortages

☒ Exclude Completed Modules

3. Pick FCID from NSR Report to prepare checklist on the basis of MCSDs and open the Checklist

PRODUCT	FCID	SO	NSR	STATUS	SYSTEM DESCRIPTION	LPR Customer FAB	MCSD	NOTES
ETCH	188938	A6234	108106	APPROVED	E6/FLEXHXx6	SAMSUNG - M PROJECT CHINA - II	8/1/2019	Checklist Complete

#### 4. Collect supplier data:

- Go to Requirement Spec folder on eTTM SharePoint site. Open Customer Requirement sheet.

**Project Documents**

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✓		Name	Modified	Modified By
		Archive	... March 18, 2019	Burris, William
		eTTM Checklist Templates - Archive	... October 16, 2019	Burris, William
		eTTM DPG Parts List	... 14 hours ago	Sharma, Tamanna
		eTTM Etch Parts List 0404 2020 Arnold	... 6 days ago	Sharma, Tamanna
		SQAD_eTTM_GSQA_items	... April 22	Sharma, Tamanna

- b. Collect Part Numbers from customer requirement sheet associated with supplier data for the tool (for FCID).

ID	Minor Category	Inspection details	Product	Part Family	PN
15	HF Generator	Check if RF Gen has the high-frequency shielding (including ground)	Flex HX+	RF Generator	660-210105-335
21	Match Box	Check if the starting value of matching is same with ending values	Flex HX+	RF Match	853-040482-665
23	Match Box	Check matching Position Spec	Flex HX+	RF Match	853-040482-665
24	Match Box	Check initial phase matching	Flex HX+	RF Match	853-040482-665
25	Match Box	Check initial impedance matching	Flex HX+	RF Match	853-040482-665
55	Volume	Check whether the chamber machining is processed within standard tolerance	Flex HX+	Process Chamber	715-801020-118

- c. Go to CF link and login with SO.

**LIVERMORE MFG**

Home

**Livermore Etch Cellfusion SN/PN Data (search by Sales Order)**

Sales Order **B2877** (type in SO and hit ENTER key to search)

- d. Export report as excel sheet and collect SNs for the mentioned PNs.

Sales Order	(type in SO and hit ENTER key to search)									
CFSO	CFSOItem	CFPMSN	CFLotSN	CFAssembly	CFOrigMatl	CFFlowID	WorkStation	SOEvent	CFPartNumber	CFSN
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499292	00106	3320	685-064724-110	1010161-19-46-0023
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499292	00105	3130.P-PROJECT	685-245815-001	110558682
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499292	00105	3125.P-PROJECT	685-245815-001	110558712
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499292	00104	2000	796-001604-014	110606723
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499292	00101	1310.EDW	796-043420-102	208152778
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499292	00101	1015.P-PROJECT	796-231346-103	CAE3/1220
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499292	00103	2100	796-801289-002	110590902
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499292	00107	4310	853-042958-650	102322020100105
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499298	00401	2030	660-210103-375	040116032
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499298	00401	2015	660-210105-335	040116411
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499298	00401	2045.1	660-260960-175	040115473
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499298	01402	3420	726-014673-001	A10268690
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499298	00401	1000	853-243882-011	1034583-20-06-0005
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499299	03001	1500	715-801020-118	1003306-20-06-1609
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499299	03202	1060	768-093959-001	44455
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499299	03207	4200	771-001032-014	04022057440
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499299	03001	4000	853-041348-796	1043362-20-10-0058
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499299	03204	3165	853-210646-003	1002001-20-09-0063
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499299	03001	1150	859-072664-488	1043362-20-08-0096
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499293	00801	1010.0	715-085777-301	1003306-20-05-0017
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499293	00803	2100.0	715-119652-301	1003306-20-05-5023
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499293	00803	2050.0	715-143206-056	1014664-19-48-0315
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499293	00801	1020.0	726-014673-001	A10257743
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499293	00806	5540.1 ECAT	796-245816-002	110603172
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499293	00801	1220.0	810-066590-004	JABM20035870
B2877	180	FHXPL 597	FHXPL 597	571-800096-432	571-800096-438	00499293	00801	1120.0	839-073449-302	1013895-20-07-1120

- e. Open **Project tracker** sheet located in **Orbit internal folder** on eTTM SharePoint site.

Project Documents

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✓		Name	Modified	Modified By
		Archive	... February 7	Singla, Divesh
		Dep CF Data Power BI Dashboards	... February 7	Sharma, Tamanna
		eTTM_Project_Tracker_20200207	... Yesterday at 5:58 AM	Sharma, Tamanna

- f. Update PN and SNs.

203122_B2877 (FLEX HXP) MCSD 4/27/2020					
PN	660-210105-335	660-210103-375	839-102001-136	853-040482-665	715-801020-118
PMSN	RF Gen	RF Gen	ESC	Match	Chamber
FHXPL-597	040116411	40116032	1035067-111297	1122641	1003306-20-06-1609
FHXPL-598	040115395	40115395	1035067-111143	1132724	1003306-20-05-2022
FHXPL-599	040116805	40116038	1035067-111295	1136494	1003306-20-05-2016
FHXPL-600	40116799	40116196	1035067-111248	1132725	1003306-20-06-1602
FHXPL-601	40116421	40116195	1035067-111225	1132721	1003306-20-05-1625
FHXPL-602	40116431	40116031	1035067-109161	1132740	1003306-20-06-1624

- g. Login to GSQA for supplier data.

- h. Click on Print COA option, Add PN and SN at defined places and click on Search option.

Home Audit/Certifications NCM Reports Supplier Database Library Change

## Print COA - Select Shipment

Log Out / Profile

<< Plant Interface

**Option 1:**  
This option allows you to print COAs that are assigned to Shipment Serials. You will need to know the

Shipment:

**Option 2:**  
This option allows you to print COAs that are assigned to Shipment Serials. It also provides the option to find the COAs that you would like to print.

Shipping Plant:

Receiving Plant:

Part No.:

Shipment #:

COA/Serial #:   
040116799  
040116421  
040116431

(Comma or Pipe separated list)

Upload File:  No file chosen  
(.csv or .txt file only)

Suffix:  Revision:

Start Date:  (MM-DD-YYYY)

End Date:  (MM-DD-YYYY)



- i. For Pass/Fail data, check existence of data in GSQA. If its there it means test pass

Select All		DeSelect All				
Shipment #	Part No.	Ship Date	Status	Shipping Plant	Receiving Plant	
Sel	Serial #	Serial Qty	Mfg Date	Updated Date	Serial Status	
<input type="checkbox"/>	040116431-05-335	660-210105-335-00	17-MAR-20	REL	MKS - MKS-ENI (Rochester)	2000 - Lam Warehouse
<input type="checkbox"/>	040116431	1 EA	02-MAR-20	17-MAR-20	Released	Print COA
<input type="checkbox"/>	040116799-05-335	660-210105-335-00	17-MAR-20	REL	MKS - MKS-ENI (Rochester)	2000 - Lam Warehouse
<input type="checkbox"/>	040116799	1 EA	12-MAR-20	17-MAR-20	Released	Print COA
<input type="checkbox"/>	040116805-05-335	660-210105-335-00	17-MAR-20	REL	MKS - MKS-ENI (Rochester)	2000 - Lam Warehouse
<input type="checkbox"/>	040116805	1 EA	12-MAR-20	17-MAR-20	Released	Print COA
<input type="checkbox"/>	040116421-05-335	660-210105-335-00	01-MAR-20	REL	MKS - MKS-ENI (Rochester)	2000 - Lam Warehouse
<input type="checkbox"/>	040116421	1 EA	28-FEB-20	01-MAR-20	Released	Print COA
<input type="checkbox"/>	040116411-05-335	660-210105-335-00	21-FEB-20	REL	MKS - MKS-ENI (Rochester)	2000 - Lam Warehouse
<input type="checkbox"/>	040116411	1 EA	18-FEB-20	20-FEB-20	Released	Print COA

† - One or more Serials are Rejected. \* - One or more Serials are Released. % - NCRs exist for this Shipment.

- j. For actual data, there are two ways to export data.  
k. First way is to Go to **Report** in GSQA, click on **COA data download**.

<a href="#">Home</a> <a href="#">Audit/Certifications</a> <a href="#">NCM</a> <a href="#">Reports</a> <a href="#">Supplier Database</a> <a href="#">Library</a> <a href="#">Change Passw</a>	<h3>Print COA - Select Shipment</h3> <p><a href="#">Log Out / Profile</a></p> <p><a href="#">&lt;&lt;Plant Interface</a></p> <p><b>Option 1:</b> This option allows you to print COAs that are</p> <p><b>Shipment:</b> <input type="text" value="-Select a Shipment Item-"/></p> <p><b>Option 2:</b> This option allows you to print COAs that are options to find the COAs that you would like</p> <p><b>Shipping Plant:</b> <input type="text" value="-All-"/></p> <p><b>Receiving Plant:</b> <input type="text" value="-All-"/></p> <p><b>Part No.:</b> <input type="text" value="660-210105-335"/></p> <p><b>Shipment #:</b> <input type="text" value=""/></p> <p><b>COA/Serial #:</b> <input type="text" value="040116411,040116805,040116799,040116421,040116431"/></p>	<p><b>Shipment Reports</b></p> <ul style="list-style-type: none"> <li>Supplier Transaction Summary</li> <li>Supplier Shipment Transactions</li> <li>Shipment Data</li> <li>OOS Shipments</li> <li>Part Traceability</li> <li>Shipment Dynamic Fields</li> </ul> <p><b>Statistical Reports</b></p> <ul style="list-style-type: none"> <li>Time Trends</li> <li>SPC Checks</li> <li>Source Comparison</li> <li>LTR Comparison</li> <li>Part Performance</li> <li>Summary Supplier Data</li> </ul> <p><b>Performance Reports</b></p> <ul style="list-style-type: none"> <li>Supplier Performance</li> </ul> <p><b>Finished Product Reports</b></p> <ul style="list-style-type: none"> <li>Finished Product Reports &gt;</li> </ul> <p><b>Other Reports</b></p> <ul style="list-style-type: none"> <li>Activity Summary</li> </ul>	<p><b>Other Reports</b></p> <ul style="list-style-type: none"> <li>COA Data Download</li> <li>e-COA Log Report</li> <li>Variance Report</li> </ul>
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- l. add PN, SNs and date range. Check the Batch report and Batch ID will be generated.

**Report Criteria:**

**COA Selection:**

**Shipment Date:**   (MM-DD-YYYY)

**Part No.:**

**Serial#:**

**Suffix:**

**Revision:**

**Shipping Company:**

**Shipping Region:**

**Shipping Plant:**

**Receiving Region:**

**Receiving Plant:**

**Batch Report:** ☒ (Check to run a Batch Report)

[Produce Report](#)

[Back](#)

**Report has been scheduled to run immediately. You will receive available for you to access.**

**Batch ID: 126204**

m. Report will be generated. Click on View and you will get data.

Report Name	Report Id (details)	Requested Date	Requested User Id	Access	
COA Data Download (Shipment COAs)	126204	08-MAY-20	SHARMATA	Private (Edit)	<a href="#">View</a> / <a href="#">Delete</a>
COA Data Download (Shipment COAs)	124726	20-MAR-20	SHARMATA	Private (Edit)	<a href="#">View</a> / <a href="#">Delete</a>
COA Data Download (Shipment COAs)	124446	11-MAR-20	SHARMATA	Private (Edit)	<a href="#">View</a> / <a href="#">Delete</a>
COA Data Download (Shipment COAs)	124445	11-MAR-20	SHARMATA	Private (Edit)	<a href="#">View</a> / <a href="#">Delete</a>
COA Data Download (Shipment COAs)	124444	11-MAR-20	SHARMATA	Private (Edit)	<a href="#">View</a> / <a href="#">Delete</a>

Shipment	Part No.	Part Rev	#	Shipment Date	Shipment	Shipment	Shipping f	Shipping f	Shipping f	Receiving	Receiving	Receiving	Serial #	COA Prodi	Test Code	Test Nam	Measuren	#Obs	Result/Me
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	ANGLE1-D	ANGLE [D	Postion Vi	1	144	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT10	FLATNESS	2/A3 Flatn	1	-0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT11	FLATNESS	2/A3 Flatn	1	-0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT12	FLATNESS	2/A3 Flatn	1	-0.0002	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT13	FLATNESS	2/A3 Flatn	1	-0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT14	FLATNESS	2/A3 Flatn	1	0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT15	FLATNESS	2/A3 Flatn	1	0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT16	FLATNESS	2/A3 Flatn	1	0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT17	FLATNESS	2/A3 Flatn	1	0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT18	FLATNESS	2/A3 Flatn	1	0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT19	FLATNESS	2/A3 Flatn	1	0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT20	FLATNESS	2/A3 Flatn	1	0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT21	FLATNESS	2/A3 Flatn	1	0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT22	FLATNESS	2/A3 Flatn	1	0.0003	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT23	FLATNESS	2/A3 Flatn	1	0.0003	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT24	FLATNESS	2/A3 Flatn	1	0.0003	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT25	FLATNESS	2/A3 Flatn	1	0.0003	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT26	FLATNESS	2/A3 Flatn	1	0.0003	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT6	FLATNESS	2/A3 Flatn	1	-0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT7	FLATNESS	2/A3 Flatn	1	-0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT8	FLATNESS	2/A3 Flatn	1	-0.0002	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLAT9	FLATNESS	2/A3 Flatn	1	-0.0001	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	FLATNESS	FLATNESS	2/A3 Flatn	1	0.0005	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	HEIGHT1	HEIGHT [I	2/A7 Over	1	1.5023	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	HEIGHT10	HEIGHT [I	2/A7 Over	1	1.502	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	HEIGHT11	HEIGHT [I	2/A7 Over	1	1.502	
9.06E+10	839-01909	3		19-Mar-20	1	EA	1001362	SHINKO	AP	ESC	Lam (ESC (NA	1001867-0	5-Mar-20	HEIGHT12	HEIGHT [I	2/A7 Over	1	1.5019	

n. Open KCA, go to **KCA selections** and then add FCID and date range. Click on **Search**.

Home

KCA Selections

Welcome Back TAMANNA SHARMA

Key Component Analysis









For issues please contact KCA\_Support@iamresearch.com

KCA Selections All Customers:

1. Generate Analysis Summary

2. Add Serial #

SEC Format Only:

1. Replace Serial

2. Insert System Configuration Details

3. Delete Serial #

Please enter Shipped To Date.

Shipping Date\*

4/17/2020

to

4/21/2020

Customer\*

SAMSUNG

FCID

199581

Sales Order

Part #

Serial #

SEARCH




o. An excel file will be generated carrying supplier data.

부품타입	부품명	품명	공정	협력사코드	협력사	자재코드	규격	설비모델	검사항목	검사코드	Spec	단위	LSL	USL	* Manufact	Chamber	5의회번호(V)	* 납품일자	* 시리얼번호	* 측정값	* 라인(예: Cpk)	검사방법	검사방법	SUB	LOC
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	01 Bias A 1968995	W	9999	9999	9999	9999	9999	199581	3@0	2020-04-2K 1651943	175.20	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	02 Bias A 1968996	W	9999	9999	9999	9999	9999	199581	3@0	2020-04-2K 1651943	356.40	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	03 Bias D 1968999	W	9999	9999	9999	9999	9999	199581	3@0	2020-04-2K 1651943	0.885	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	03 Bias A 1968997	W	9999	9999	9999	9999	9999	199581	3@0	2020-04-2K 1651943	1475.10	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	03 Bias D 1969000	W	9999	9999	9999	9999	9999	199581	3@0	2020-04-2K 1651943	0.013	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	04 Bias A 1968996	W	9999	9999	9999	9999	9999	199581	3@0	2020-04-2K 1651943	2999.90	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	04 Bias D 1969001	W	9999	9999	9999	9999	9999	199581	3@0	2020-04-2K 1651943	0.122	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	05 Bias D 1969002	W	9999	9999	9999	9999	9999	199581	3@0	2020-04-2K 1651943	0.0033	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	01 Bias A 1968995	W	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1652448	174.70	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	02 Bias A 1968996	W	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1652448	355.60	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	02 Bias D 1968999	W	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1652448	0.871	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	03 Bias A 1968997	W	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1652448	1472.10	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	03 Bias D 1969000	W	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1652448	0.0322	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	04 Bias A 1968996	W	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1652448	2993.80	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	04 Bias D 1969001	W	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1652448	0.0599	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	05 Bias D 1969002	W	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1652448	0.0446	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	01 Bias A 1968995	W	9999	9999	9999	9999	9999	199581	2@0	2020-04-2K 1652449	175.00	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	02 Bias A 1968996	W	9999	9999	9999	9999	9999	199581	2@0	2020-04-2K 1652449	355.00	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	02 Bias D 1968999	W	9999	9999	9999	9999	9999	199581	2@0	2020-04-2K 1652449	0.893	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	03 Bias A 1968997	W	9999	9999	9999	9999	9999	199581	2@0	2020-04-2K 1652449	1474.20	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	03 Bias D 1969000	W	9999	9999	9999	9999	9999	199581	2@0	2020-04-2K 1652449	0.0278	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	04 Bias A 1968996	W	9999	9999	9999	9999	9999	199581	2@0	2020-04-2K 1652449	2999.20	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	04 Bias D 1969001	W	9999	9999	9999	9999	9999	199581	2@0	2020-04-2K 1652449	0.126	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0852-660-07839	KIYO FX	05 Bias D 1969002	W	9999	9999	9999	9999	9999	199581	2@0	2020-04-2K 1652449	0.0045	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0676-660-07839	KIYO FX	01 TCP A 1832629	W	9999	9999	9999	9999	9999	199581	3@0	2020-04-2K 1655745	139.20	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0676-660-07839	KIYO FX	02 TCP A 1832630	W	9999	9999	9999	9999	9999	199581	3@0	2020-04-2K 1655745	646.30	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0676-660-07839	KIYO FX	03 TCP A 1832631	W	9999	9999	9999	9999	9999	199581	3@0	2020-04-2K 1655745	1796.80	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0676-660-07839	KIYO FX	04 TCP A 1832632	W	9999	9999	9999	9999	9999	199581	3@0	2020-04-2K 1655745	2996.90	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0676-660-07839	KIYO FX	01 TCP A 1832629	W	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1660832	139.40	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0676-660-07839	KIYO FX	02 TCP A 1832630	W	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1660832	646.80	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0676-660-07839	KIYO FX	03 TCP A 1832631	W	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1660832	1796.60	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0676-660-07839	KIYO FX	04 TCP A 1832632	W	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1660832	2999.00	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0676-660-07839	KIYO FX	01 TCP A 1832629	W	9999	9999	9999	9999	9999	199581	2@0	2020-04-2K 1661537	139.10	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0676-660-07839	KIYO FX	02 TCP A 1832630	W	9999	9999	9999	9999	9999	199581	2@0	2020-04-2K 1661537	646.20	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0676-660-07839	KIYO FX	03 TCP A 1832631	W	9999	9999	9999	9999	9999	199581	2@0	2020-04-2K 1661537	1797.60	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q410-0676-660-07839	KIYO FX	04 TCP A 1832632	W	9999	9999	9999	9999	9999	199581	2@0	2020-04-2K 1661537	2997.10	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q310-4933-832-12973	KIYO FX	01 Bias S 1832617	Q	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1583109	0.2949	X2	-	-	-	-	-	KFX-338@0
10	신규락심부	Generator	ETCH	A2D6	델리서지코	Q310-4933-832-12973	KIYO FX	02 Bias S 1832618	Q	9999	9999	9999	9999	9999	199581	4@0	2020-04-2K 1583109	40.4578	X2	-	-	-	-	-	KFX-338@0

- p. Check PN which need actual data in Appian, if its approved only then data will be shared.
- q. Add test description, measured value and UOM in the Addendum 2 of the Checklist template for the tool.
- r. If data is missing in GSQA, contact GSQA team and they will work with supplier to get data in GSQA.

## 5. Add ATAC data:

- a. In the Checklist Template Data Source, Table Name and Field are mentioned against the Checklist IDs which require ATAC data.



DESCRIPTION:

FCID:

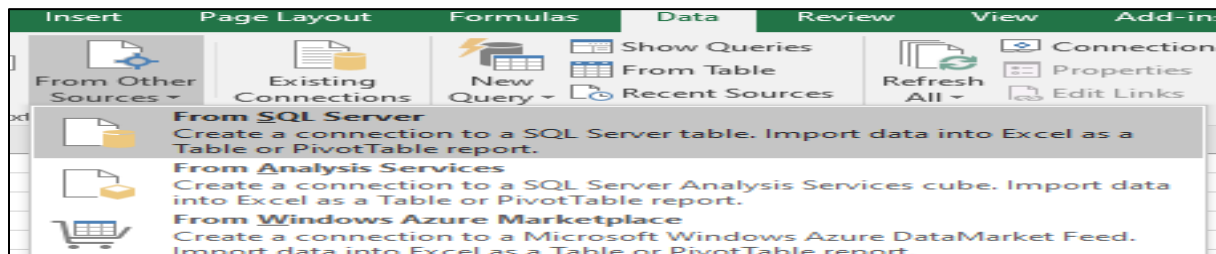
SALES ORDER:

SHIP DATE:

Large Category	Model Category	Minor Category	Inspection details		ID	eTTM Checklist Description	Data Format	eTTM Results		
Large Categ. ▾	Model Category ▾	Minor Category ▾	IN ▾	IN ▾						
1. Planning /Production (Specifications)	1.1 TURBO PUMP	1.1.1 TMP		1	Check if the model name is the same with SEC POR model	1	Turbo Pump P/N verified	P/N		
				2	Check if the Max Speed is the same with SEC POR model	2	Turbo Pump Model		Pass/Fail	
				3	Check if the capacity is the same with SEC POR model	3	TMP capacity validated at mfg automated test conductance test		Pass/Fail	
		1.1.2 CONTROLLER		4	Check if the model is the same with SEC POR model	4	Turbo Pump Controller P/N Verified	P/N		
				5	Check if the communication method is the same with SEC POR model	5	Turbo Pump Controller mfg automated test communication		Pass/Fail	
				6	Check if the ID size is the same with SEC POR model	6	APC P/N verified	P/N		
	1.2 APC (Throttle Gate v/v)	1.2.1 APC		7	Check the alignment of open position	7	APC mfg automated test check alignment of Open Position		Pass/Fail	
				8	Check the alignment of close position	8	APC mfg automated test check alignment of Close Position		Pass/Fail	
				9	Check if the model is the same with SEC POR model	9	APC Controller P/N verified	P/N		
		1.2.2 Controller		10	Check the software version with SEC POR model		APC Model			
				11	Check if the communication method is the same with SEC POR model	10	APC Controller mfg automated test communication		Pass/Fail	
				12	Check the result of the conductance	11	APC mfg automated test conductance test		Pass/Fail	
				13	Check if the model is the same with SEC POR model	12	HF Generator P/N verified	P/N		
		1.3 HF	1.3.1 HF Generator		14	Check whether the pulsing type is required or not		HF Generator Model		
					15	Check if Max Power is the same with SEC POR model	13	HF Generator mfg automated test Linearity test		Pass/Fail
					16	Ensure that the output control method is the same with SEC POR model	14	HF Generator output control communication test		Pass/Fail
	17			Check if HF Gen has the high-frequency shielding (including ground)	15	HF Generator harmonics final test		Pass/Fail		

Data Owner	Data Source	Kiyo FXE	
		Table/Report	Field
Steven G.	ATAC	PM_Conductance_Learn_Table	OVER_ALL_RESULT
Steven G.	ATAC	PM_Conductance_Learn_Table	OVER_ALL_RESULT
Steven G.	ATAC	PM_Conductance_Learn_Table	OVER_ALL_RESULT
Steven G.	ATAC	PM_Conductance_Learn_Table	OVER_ALL_RESULT
Steven G.	ATAC	PM_Conductance_Learn_Table	OVER_ALL_RESULT
Steven G.	ATAC	PM_Conductance_Learn_Table	OVER_ALL_RESULT
Steven G.	ATAC	PM_TCP_RF_Linearity_Table	OVER_ALL_RESULT
Steven G.	ATAC	PM_TCP_RF_Linearity_Table	OVER_ALL_RESULT
Steven G.	ATAC	PM_Bias_RF_Linearity_Table	OVER_ALL_RESULT
Steven G.	ATAC	PM_Bias_RF_Linearity_Table	OVER_ALL_RESULT
Steven G.	ATAC	Kiyo3x_VCI_Probe_wTestHardware_Table	SLOPE
Steven G.	ATAC	PM_Conductance_Learn_Table	OVER_ALL_RESULT
Steven G.	ATAC_Subassembly	BiasElectrode_Lifter_BSR_LinerDoor_CycleSpeedCheck	OVER_ALL_RESULT
Steven G.	ATAC	PM_Node_Comm_Table	OVER_ALL_RESULT
Steven G.	ATAC	PM_Vacuum_Integrity_Table	chamberROR
Steven G.	ATAC	PM_Vacuum_Integrity_Table	chamberROR
Steven G.	ATAC	PM_Disconnect_Table	OVER_ALL_RESULT
Steven G.	ATAC_Subassembly	Bias_Electrode_Tunable_ESC_Resistance_Table	OUTER_HEATER_RESISTANCE MID_INNER_HEATER_RESISTANCE MID_OUTER_HEATER_RESISTANCE

b. Go to excel sheet. Click on **Data** and then select **From SQL Server**.



c. Login to SQL DB with following details:

Data Connection Wizard

### Connect to Database Server

Enter the information required to connect to the database server.

1. Server name:

2. Log on credentials

☐ Use Windows Authentication
☒ Use the following User Name and Password

User Name:

Password:

- i. Server Name: pdtcsql13
- ii. User Name : atsuser
- iii. Password: xyz

- d. Select defined data source e.g. ATAC and then table name.

- e. Search for the FCID /SO (remote factory) for tool on which we are working, under EID.  
f. Add EID , Serial Number and test results for the mentioned fields.

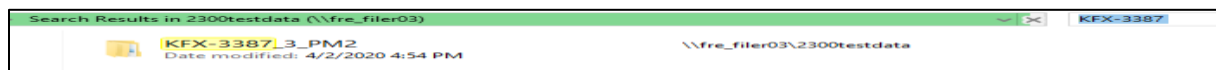
EID	SERIAL_NUMBER	chamberROR
199581-PM2	KFX-3387	0.7792
199581-PM3	KFX-3388	0.6764
199581-PM4	KFX-3389	0.9428

- g. Add Pass/Fail data in main/ First sheet of the checklist template and Actual data for multiple modules will be added in Addendum-2.  
h. Repeat this process for all ATAC data related IDs.  
i. In case data is missing contact data owner and populate the data ID as Data not available.  
j. For some IDs, no path is defined so we write data source is not defined.

Data Owner	Data Source	Table/Report
Heriberto		Eddie - Is there any Test Data related to this
Heriberto		Eddie - Is there any Test Data related to this
Heriberto		Testing checks Flow not Max Value
Heriberto		This is not Documented - has not been a requirement configured from Cellfusio

## 6. Add Images from Fre\_filer

- a. Search for Fre\_filer03 and then enter in folder 2300 test data.  
b. Search for the PMSN.



- c. Folder will appear, dig in the folder.  
d. You will find ESC images for PMSN, somewhere in MFG folder.

KFX-3387_3_PM2 > MFG > HW Tests > ESC Photos		
Name	Date modified	Type
20200402_075335.jpg	4/3/2020 5:30 AM	JPG File
20200402_075356.jpg	4/3/2020 5:30 AM	JPG File
20200402_075402.jpg	4/3/2020 5:30 AM	JPG File
20200402_075406.jpg	4/3/2020 5:30 AM	JPG File
20200402_075411.jpg	4/3/2020 5:30 AM	JPG File
20200402_075422.jpg	4/3/2020 5:30 AM	JPG File

e. Copy the link and paste it in addendum-2 against the ID.

199581-PM2	KFX-3387	<a href="#">\fre_filer03\2300testdata\KFX-3387_3_PM2\MFG\HW Tests\ESC Photos</a>
199581-PM3	KFX-3388	<a href="#">\fre_filer03\2300testdata\KFX-3388_3_PM3\MFG\HW Tests\ESC pics</a>
199581-PM4	KFX-3389	<a href="#">\fre_filer03\2300testdata\KFX-3389_3_PM4\MFG\HW Tests\ESC Pic</a>

## 7. CF data (for DPG Tools):

- This point is applicable only for Dep Tool Checklists.
- We have Power BI dashboards and excel file which keep on updating as data is updated in CF.
- We copy data and add it against the metric IDs.

## 8. PN Verification:

### For Livermore and Tualatin Tools:

- Copy PNs from the file containing PNs on eTTTM SharePoint site in Requirement Spec folder.

Project Documents				
				More
Current View				
Find a file				
✓	Name	Modified	Modified By	
	Archive	March 18, 2019	Burris, William	
	eTTTM Checklist Templates - Archive	October 16, 2019	Burris, William	
	eTTTM DPG Parts List	Yesterday at 10:03 AM	Sharma, Tamanna	
	eTTTM Etch Parts List 2.0	A few seconds ago	Sharma, Tamanna	
	SQAD_eTTTM_GSQA_items	April 22	Sharma, Tamanna	

Product	Category	Commodity	ID	Data Forms	P/N	Model
KIYO FXE	TURBO PUMP	TMP	1	P/N	796-053696-001	U66621A2
KIYO FXE	TURBO PUMP	CONTROLLER	4	P/N	796-046752-003	121671
KIYO FXE	APC (Throttle Gate v/v)	APC	6	P/N	719-901160-223	65148-PHHX-CBG1
KIYO FXE	APC (Throttle Gate v/v)	Controller	9	P/N	796-130484-223	865747
KIYO FXE	RF	TCP Generator	12	P/N	660-078399-205	3156330-160
KIYO FXE	RF	Bias Generator	16	P/N	660-078399-106	3156330-164
KIYO FXE	RF	Match Box TCP	19	P/N	853-043759-223	NO
KIYO FXE	RF	Match Box Bias	20	P/N	832-129731-013	3155301-023
KIYO FXE	SFEM	Robot	33	P/N	799-139163-005	NT520BFD60055
KIYO FXE	SFEM	Side Buffer	35	P/N	857-195674-601 857-195674-602	
KIYO FXE	SFEM	Load Port	38	P/N	857-289085-401	NO
KIYO FXE	TM	Robot (VTM)	48	P/N	799-085668-009	501600-594-0001-1-FBK
KIYO FXE	TM	Gate Door Rocker Valve	49	P/N	715-067213-002	351976
KIYO FXE	Chamber	Chamber Body	50	P/N	715-801020-014	NO
KIYO FXE	Chamber	ESC	57	P/N	719-101612-887	NO
KIYO FXE	Chamber	Lift Pin	58	P/N	716-800621-021	NO
KIYO FXE	Chamber	Corvus Pin	58	P/N	716-207828-350	NO
KIYO FXE	Chamber	OES	60	P/N	685-064724-103	5500640176
KIYO FXE	Chamber	IEP ( or other EPD system)	61	P/N	NA	
KIYO FXE	Process Kit	ESC	66	P/N	719-101612-887	NO

- b. Go to Sap and process T-code **ZOBOMWUD**.
- c. Add SO and paste PN and execute it.

- d. PNs with status (Part found/Part not found) will appear.

Part Number	Sales Order	Item	Top Level	Top Level Description	Message	Qty Fo...	BKO R...
660-078399-106	B3675	000330	848-007228-004	FTR,PROCESS MODULE, POSITION 4	Part Found	1	
660-078399-106	B3675	000330	848-007228-003	FTR,PROCESS MODULE, POSITION 3	Part Found	1	
660-078399-106	B3675	000330	848-007228-002	FTR,PROCESS MODULE, POSITION 2	Part Found	1	
660-078399-205	B3675	000330	848-007228-002	FTR,PROCESS MODULE, POSITION 2	Part Found	1	
660-078399-205	B3675	000330	848-007228-004	FTR,PROCESS MODULE, POSITION 4	Part Found	1	
660-078399-205	B3675	000330	848-007228-003	FTR,PROCESS MODULE, POSITION 3	Part Found	1	
685-064724-002	B3675	000330	571-003644-001	CONFIG,SHIP WITH,PM	Part Found	3	
715-042721-866	B3675	000330	571-003644-001	CONFIG,SHIP WITH,PM	Part Found	3	
715-045710-821	B3675	000330	571-003644-001	CONFIG,SHIP WITH,PM	Part Found	3	
715-059638-603	B3675	000330	571-003644-001	CONFIG,SHIP WITH,PM	Part Found	3	
715-067214-001	B3675	000600	571-073682-B3675	CONFIG,TM,VTM, 2300	Part Found	3	
715-801020-014	B3675	000330	848-007228-003	FTR,PROCESS MODULE, POSITION 3	Part Found	1	
715-801020-014	B3675	000330	848-007228-002	FTR,PROCESS MODULE, POSITION 2	Part Found	1	
715-801020-014	B3675	000330	848-007228-004	FTR,PROCESS MODULE, POSITION 4	Part Found	1	
716-123867-208	B3675	000330	571-003644-001	CONFIG,SHIP WITH,PM	Part Found	3	
716-207828-350	B3675	N/A			Part Not Found	0	
716-236356-476	B3675	N/A			Part Not Found	0	
716-800621-021	B3675	000330	848-007228-004	FTR,PROCESS MODULE, POSITION 4	Part Found	3	
716-800621-021	B3675	000330	848-007228-002	FTR,PROCESS MODULE, POSITION 2	Part Found	3	
716-800621-021	B3675	000330	848-007228-003	FTR,PROCESS MODULE, POSITION 3	Part Found	3	
719-003481-861	B3675	000330	571-003644-001	CONFIG,SHIP WITH,PM	Part Found	3	
719-901160-223	B3675	000330	848-007228-004	FTR,PROCESS MODULE, POSITION 4	Part Found	1	
719-901160-223	B3675	000330	848-007228-003	FTR,PROCESS MODULE, POSITION 3	Part Found	1	
719-901160-223	B3675	000330	848-007228-002	FTR,PROCESS MODULE, POSITION 2	Part Found	1	
796-046752-003	B3675	000330	848-007228-002	FTR,PROCESS MODULE, POSITION 2	Part Found	2	
796-046752-003	B3675	000330	848-007228-003	FTR,PROCESS MODULE, POSITION 3	Part Found	2	
796-046752-003	B3675	000330	848-007228-004	FTR,PROCESS MODULE, POSITION 4	Part Found	2	
796-053696-002	B3675	000330	848-007228-002	FTR,PROCESS MODULE, POSITION 2	Part Found	1	
796-053696-002	B3675	000330	848-007228-003	FTR,PROCESS MODULE, POSITION 3	Part Found	1	
796-053696-002	B3675	000330	848-007228-004	FTR,PROCESS MODULE, POSITION 4	Part Found	1	
796-130484-223	B3675	000330	848-007228-004	FTR,PROCESS MODULE, POSITION 4	Part Found	1	
796-130484-223	B3675	000330	848-007228-002	FTR,PROCESS MODULE, POSITION 2	Part Found	1	
796-130484-223	B3675	000330	848-007228-003	FTR,PROCESS MODULE, POSITION 3	Part Found	1	
799-085668-009	B3675	000600	571-073682-B3675	CONFIG,TM,VTM, 2300	Part Found	1	
799-139163-005	B3675	001029	571-073683-B3675	CONFIG, SFEM, 3 LPM	Part Found	1	
832-129731-015	B3675	000330	848-007228-004	FTR,PROCESS MODULE, POSITION 4	Part Found	1	
832-129731-015	B3675	000330	848-007228-002	FTR,PROCESS MODULE, POSITION 2	Part Found	1	
832-129731-015	B3675	000330	848-007228-003	FTR,PROCESS MODULE, POSITION 3	Part Found	1	
853-043759-223	B3675	000330	848-007228-004	FTR,PROCESS MODULE, POSITION 4	Part Found	1	
853-043759-223	B3675	000330	848-007228-002	FTR,PROCESS MODULE, POSITION 2	Part Found	1	
853-043759-223	B3675	000330	848-007228-003	FTR,PROCESS MODULE, POSITION 3	Part Found	1	
857-289085-401	B3675	001029	571-073683-B3675	CONFIG, SFEM, 3 LPM	Part Found	3	
NA	B3675	N/A			Part Not Found	0	

- e. PNs found in OBOM will be added against the IDs along with Model No.
- f. PN not found will be absent in checklist and ID will be filled with PN not available in OBOM.

#### For LMK Tools:

- a. Open tool BURST V2.
- b. On the **CONTROL\_PANEL** tab, select **"BURST V2"**, check **"HANA BYPASS"** and **"NO EXPLOSION LIMIT"**.
- c. COLD START / ZR409 should NOT be checked for large BOM pulls since it is a very resource heavy feature.

B.U.R.S.T. V2.6 2/19/2020 By Adam Hall			
RESET	RESETS DATA FIELDS AND CONTROL PANEL DATA		
LPR HISTORY	LISTS CONFIG FROZEN & PLANNED LAUNCH DATE HISTORY FOR FID		
FID LIST FROM A1'S	PULLS FID'S FROM A1 CHANGE NUMBERS VIA DATES		
FIND FORECAST DATA	USES FID DATA (COLUMN D) TO RETREIVE FORECAST RECORDS		
SETUP	ENTER FID INTO COLUMN D, POA QUOTES , ANY SO INTO COLUMN E		
RUN REPORT	CHOOSE SPECIFIC REPORT TO RUN BELOW		
<div> <div> <b>REPORT</b>  <input checked="" type="radio"/> BURST V2  <input type="radio"/> BOM DATA ONLY  <input type="radio"/> HANA LOOKUP </div> <div> <input type="radio"/> NSR MATRIX  <input type="radio"/> NSR CROSS  <input type="radio"/> NSR RISK ANALYSIS </div> <div> <input type="radio"/> CS15 LOOKUP  <input type="radio"/> PEG_SETUP </div> </div>			
<div> <div> <b>FILTER</b>  <input type="radio"/> DESCRIPTION  <input checked="" type="radio"/> FID  <input type="radio"/> SALES ORDER </div> <div> <b>AUTO DATE</b>  <input type="radio"/> ON  <input checked="" type="radio"/> OFF  <input type="radio"/> MANUAL </div> <div> <b>PLANT</b>  <input checked="" type="radio"/> 1020  <input type="radio"/> 1000 </div> </div>			
<input checked="" type="checkbox"/> HANA BYPASS <input type="checkbox"/> KEEP X & MN'S <input checked="" type="checkbox"/> NO EXPLOSION LIMIT			
<input type="checkbox"/> ACCURACY MATRIX <input type="checkbox"/> COMMONALITY <input type="checkbox"/> COLD START/ZR409			
<input type="checkbox"/> FAST BOM VALIDATE <input type="checkbox"/> NSR SOS VAR SELECT <input type="checkbox"/> BEN SETUP			
<input type="checkbox"/> CS15 ORDERBOM <input type="checkbox"/> ZBOM CONFIG			

- d. On the CONTROL\_PANEL tab, enter FCID in (FID/BEN) column and enter the Sales Order in (SO/QUOTE) column.

C	D	E	F
<b>AUTO SETUP</b>			
	FID/BEN	SO/QUOTE	
	191517	B0329	

➔

**Press SETUP**

RESET
FID LIST FROM A1'S
FIND FORECAST DATA
SETUP
RUN REPORT

- e. If data filed tab is blank, then enter the following:

	G	H	I	J	K	L	M	N
	FID	ITEM	MATERIAL	DESC.	SO/QUOTE	QTY	BOM	MRP DATE
	191517	579	571-281953-B0329B	VEXT CORE	B0329	1	O	2/14/2020
	191517	579	571-281953-B0329C	VEXT CORE	B0329	1	O	2/14/2020
	191517	749	571-264647-B0329	MACH4 CEFEMFE	B0329	1	O	2/10/2020
	191517	749	571-235189-B0329	MACH4 CEFEMBE	B0329	1	O	2/10/2020
	191517	143	570-232118-001	570-232118-001	B0329	1	P	3/3/2020
	191517	260	570-241286-030	570-241286-030	B0329	1	P	3/3/2020
	191517	270	570-284196-020	570-284196-020	B0329	1	P	3/3/2020
	191517	60	570-274333-030	570-274333-030	B0329	1	P	3/3/2020
	191517	589	570-284114-020	570-284114-020	B0329	1	P	3/3/2020



- a. FCID number,
- b. Item Number,
  - i. In SAP use T-Code ZPPSOSTATUS
  - ii. Add FCID/SO and press ENTER key.
  - iii. List with Item No. will appear, add them under item.

185400	B4526	240	185400-COR02	570-003368-001	SHPNG LEVEL, PM
185400	B4526	240	185400-COR02	570-003368-001	SHPNG LEVEL, PM
185400	B4526	240	185400-COR02	570-003368-001	SHPNG LEVEL, PM
185400	B4526	240	185400-COR02	570-003368-001	SHPNG LEVEL, PM
185400	B4526	240	185400-COR02	570-003368-001	SHPNG LEVEL, PM
185400	B4526	370	185400-COR02	570-003636-011	SHIPPING LEVEL, TM
185400	B4526	370	185400-COR02	570-003636-011	SHIPPING LEVEL, TM
185400	B4526	430	185400-COR02	570-003637-001	SHIPPING LEVEL, PREFAC, ETCH MOD
185400	B4526	440	185400-COR02	570-003637-002	SHIPPING LEVEL, PRE-FACILITIES, SYSTEM
185400	B4526	689	185400-COR02	570-065780-001	SHPNG LEVEL, JTS GAS BOX
185400	B4526	689	185400-COR02	570-065780-001	SHPNG LEVEL, JTS GAS BOX
185400	B4526	725	185400-COR02	853-195147-001	24VDC,N2 PURGE
185400	B4526	745	185400-COR02	853-222418-001	KIT,ASSY,ETCH METROLOGY SYS
185400	B4526	755	185400-COR02	853-195147-001	24VDC,N2 PURGE

- c. Material ("571-" part numbers only)
  - i. Go to SAP, add T-Code **Cu52e** and then add **SO** and **item**. Execute it.

Order

Item

Material

Effectivity

Change number

Valid From

- ii. Find Material against 571-PNs only.

Struct.	S.	Order	B4526	Item	240
570-003368-001		Sold-to party	4716		
848-007228-002		Material	570-003368-001		Samsung Electronics Co. LTD
571-053822-100		Quantity	1.000	EA	Req. delivery date 12/29/2019
575-104668-101					
848-104668-142					
848-104668-143					
848-104668-144					
848-104668-145					
575-104668-111					
848-104668-112					
848-104668-118					
848-104668-114					
848-104668-115					
848-104668-119					
848-104668-135					
848-104668-136					
848-104668-133					
848-104668-105					
848-104668-106					
848-104668-120					
848-104668-123					
848-104668-125					
848-033305-710					
848-104668-151					
848-104668-117					
848-104668-141					
848-104668-152					
848-104668-150					
848-007228-003					
571-053822-100					
848-007228-004					
571-053822-100					
571-003644-104					

Result	Lv	Item	Component number	Description	Qty	Un	ICat	AGrp	ObDp
<input type="checkbox"/> 2	0000	571-053822-100		CONFIG, PRCS MDL, 2300 CORONUS HP, A2					
		571-053822-B4526B		CONFIG, PRCS MDL, 2300 CORONUS HP, A2					
<input type="checkbox"/> 3	0001	575-104668-101	1.000			EA	L	X	
		999999000003006699							
		CONFIG ASSY, TOP PLATE, CORONUS HP							
<input type="checkbox"/> 3	0011	575-104668-111	1.000			EA	L	X	
		999999000003006700							
		CONFIG ASSY, LOWER CHAMBER, CORONUS HP							
<input type="checkbox"/> 3	0051	848-104668-123	1.000			EA	L	X	
		999999000003006701							
		FTR, ASSY, FORELINE, CORONUS HP							
		Select 1 Per PM							
<input type="checkbox"/> 3	0061	848-104668-125	1.000			EA	L	X	
		999999000003006702							
		FTR, COOLANT SYSTEM, CORONUS HP							
		Select 1 Per PM							
<input type="checkbox"/> 3	0101	848-033305-710	1.000			EA	L	X	
		999999000003006703							
		FTR, CUSTOMER SHIPPING OPTIONS, HP							
		Select 1 Per PM							

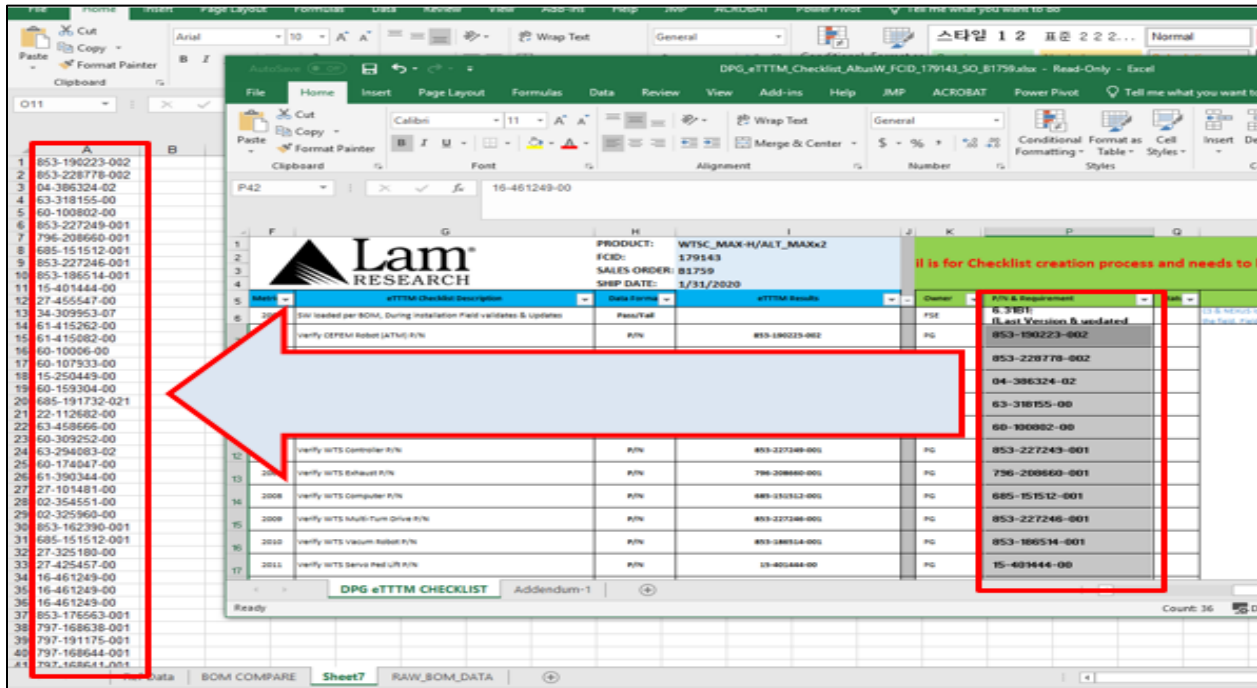
- iii. Add it in the tab and repeat the process for all item nos.
- f. Set QTY = 1, BOM = "O" (Set to "P" for non-571- parts) and MRP date.
- g. Run Report.

RESET
FID LIST FROM A1'S
FIND FORECAST DATA
SETUP
RUN REPORT

- h. A new Excel file will appear with all parts listed in the OBOM in column A of the **BOM COMPARE** tab.

	A	B	C	D	E	F	G	H	I	J	K
1											
2		SALES ORDER	191517	191517	191517	191517	191517	191517	191517	191517	191517
3			08329	08329	08329	08329	08329	08329	08329	08329	08329
4		MATERIAL	571-264647-00329	571-235185-00329	571-280953-00329	571-280953-00329C	570-232118-000	570-241286-030	570-284196-020	570-274333-030	570-284194-020
5		BOM DESCRIPTION	MACHN CEFEMPE	MACHN CEFEMPE	TEXT CORE	TEXT CORE	570-232118-000	570-241286-030	570-284196-020	570-274333-030	570-284194-020
6		BOM EXPLOSION DATE	2/11/2020	2/11/2020	2/11/2020	2/11/2020	3/31/2020	3/31/2020	3/31/2020	3/31/2020	3/31/2020
7		MATERIAL DESCRIPTION									
8	571-280953-00329B		0	0	1	0	0	0	0	0	0
9	605-91545-002	COMPUTER/EC2 GNS MEXUS SSD	1	0	1	1	0	0	0	0	0
10	635-306456-001	TUBE ASSY EX RPS MEZANINE TO SOURCE	0	0	1	0	0	0	0	0	0
11	27-406180-00	GEN REACTIVE GAS ARO OV/AL ASTROVEX	0	0	1	1	0	0	0	0	0
12	053-403805-001	CA AMPOS INTFC GAS MONITORX	0	0	1	1	0	0	0	0	0
13	03-376987-00	CSL ASSY AMPOS PNEUMATICS B	0	0	1	1	0	0	0	0	0
14	03-376987-00	CSL ASSY AMPOS AMPOS DUAL VAPOR VXT	0	0	1	1	0	0	0	0	0
15	03-376986-00	CSL ASSY AMPOS SSR BOX HTR CNTRL	0	0	1	1	0	0	0	0	0
16	03-376988-00	CSL ASSY AMPOS MECH BOX COVER SWITCH	0	0	1	1	0	0	0	0	0
17	03-376944-00	CSL ASSY AMPOS MECH BOX SPILL SNG ENCL	0	0	1	1	0	0	0	0	0
18	03-376948-00	CSL ASSY AMPOS MECH BOX ANALOG IO	0	0	1	1	0	0	0	0	0
19	03-376956-00	CSL ASSY AMPOS MECH BOX DIGITAL IO	0	0	1	1	0	0	0	0	0
20	03-376973-00	CSL ASSY AMPOS SSR BOX DC PWR PHOTOHELIC	0	0	1	1	0	0	0	0	0
21	03-389627-00	CSL ASSY AMPOS MECH BOX DC PWR	0	0	1	1	0	0	0	0	0
22	03-394277-00	CSL ASSY AMPOS MECH BOX HTR PWR	0	0	1	1	0	0	0	0	0
23	053-266950-001	CA AMPOS ALD VLVS CNTRL BANK D VXT	0	0	1	1	0	0	0	0	0
24	03-419544-00	CSL ASSY CSL ASSY AMPOS VLBB & VL200 VXT	0	0	1	1	0	0	0	0	0
25	053-243998-001	CA SNGT AMPOS HTR CONT BIOC 3	0	0	1	1	0	0	0	0	0
26	03-389623-00	CSL ASSY RF COOLING FAUPM	0	0	1	1	0	0	0	0	0
27	03-376982-00	CSL ASSY TCOIT HMT TOP PLATE	0	0	1	1	0	0	0	0	0
28	17-341295-00	PRKT MOUNTING RF MATCH TAP SELECT VXT	0	0	1	1	0	0	0	0	0
29	17-345262-00	PANEL ACCESS LF MATCH VXT	0	0	1	1	0	0	0	0	0
30	03-399493-00	CSL ASSY RF LF GEN HMT TAP PHS SEL PM	0	0	1	1	0	0	0	0	0
31	60-80678-03	RNG CTRN V410 CHEMPAZ E38	0	0	2	2	0	0	0	0	0
32	27-358862-00	RF MATCH 400 KHZ FREQ RESISTIVE CAPACT	0	0	1	1	0	0	0	0	0
33	03-425456-00	CSL ASSY PHASE TAP SELECT REM IO	0	0	1	1	0	0	0	0	0
34	053-224529-007	VAPF SNGT AMPOS	0	0	1	1	0	0	0	0	0
35	03-437650-00	SSY ENCL SRF BLOCK CAP HDR OB VXT	0	0	1	1	0	0	0	0	0
36	060-230502-050	RF MATCH NAVIGATOR LOP OPT 58	0	0	1	1	0	0	0	0	0
37	03-389623-00	CSL ASSY VXT DC PWR HTR V PROBE	0	0	1	1	0	0	0	0	0
38	053-266956-001	CA SRF VXT V PROBE COVER INTUX VXT	0	0	1	1	0	0	0	0	0
39	03-363479-00	PCA FOR GAIN BREAKOUT	0	0	1	1	0	0	0	0	0
40	03-344153-00	PCA C3 SRF RF SV CIR SBL	0	0	1	1	0	0	0	0	0
41	03-348306-00	CSL ASSY TUNABLE CAPACITOR SHD TO CAP	0	0	4	4	0	0	0	0	0
42	16-270302-00	SHV RHD 300MM DIA 12902 MOLES CLASSIC 60	0	0	4	4	0	0	0	0	0
43	03-340047-00	SSY SHOWERHD ADUTR VPOS MARKING CHEMPA	0	0	4	4	0	0	0	0	0
44	176-192762-002	TUBE TUBE PM 3.17% AL FINNED LF	0	0	4	4	0	0	0	0	0
45	02-353765-00	SSY GAS DIST CHEMPAZ E38 C RING C VCTR	0	0	1	1	0	0	0	0	0
46	053-183770-002	SSY MANF COOLED DIST RMT CLNKF	0	0	1	1	0	0	0	0	0
47	38-441963-01	CABLE CABLE MODULAR JUMPER WATER LEAK DE	0	0	1	1	0	0	0	0	0
48	176-166358-01	CHAMBER PROCESS VXT	0	0	1	1	0	0	0	0	0
49	03-464482-00	VALVE THROTTLER 3/4" NPT PV TRNGXALREZ	0	0	1	1	0	0	0	0	0
50	03-276982-00	SSY TRANSFER PLATE VIOLO GAP	0	0	1	1	0	0	0	0	0
51	03-382962-00	CSL ASSY 37DSUB LPB IO TO EDC INTFC	0	0	1	1	0	0	0	0	0
52	03-328374-00	CSL ASSY PWR 200VAC SERVQ SPINBLE	0	0	1	1	0	0	0	0	0
53	053-289353-003	RF PM VAF	0	0	1	1	0	0	0	0	0
54	060-224893-001	GEN MD FREQ 80-220VAC 50-60HZ POW 2500	0	0	1	1	0	0	0	0	0
55	34-276995-00	SOPT HMODULAR BRANCHING CONNECTOR	0	0	1	1	0	0	0	0	0
56	27-356849-00	CNTRL RFLMUREPO PROC SMS VIRTAL	0	0	1	1	0	0	0	0	0
57	38-371814-00	CABLE COAXIAL HF GEN HMT MATCH VXT LT	0	0	1	1	0	0	0	0	0
58	03-423428-00	CSL ASSY INTFC LPB IO TO EDC TEOST L V N	0	0	1	1	0	0	0	0	0
59	03-385495-00	CSL ASSY 7V2-3V3 MATCH DC PWR	0	0	1	1	0	0	0	0	0
60	03-394632-00	CSL ASSY RF LF GEN HMT TAP PHS SEL PM	0	0	1	1	0	0	0	0	0
61	053-195632-001	CA HD LEAK SMS RF ENCL VXT	0	0	1	1	0	0	0	0	0
62	053-183774-005	CA DC PWR HD LEAK DETECT MODULE	0	0	1	1	0	0	0	0	0
63	033-233704-004	CA COMMENT V PROBE CORE VXT	0	0	1	1	0	0	0	0	0
64	03-376988-00	CSL ASSY 7V2-3V3 DC PWR LPB TO EDC 8	0	0	1	1	0	0	0	0	0
65	053-305805-001	CA JUMPER W/ PASSIVE HTP	0	0	1	1	0	0	0	0	0
66	033-233704-200	CA COMMENT HUB SV TO EDC LCORE VXT	0	0	1	1	0	0	0	0	0

- i. Create a new worksheet ("Sheet7" in image).
- j. Copy parts list to be verified into column A of the new worksheet.




- k. Create formula " =COUNTIF('BOM COMPARE'!A:A,Sheet7:A1)" in B1 and copy to rest of cells in column B
- l. 1 = Yes part is on OBOM;  
0 = No part is not on OBOM

04-386324-02	1
63-318155-00	1
60-1000802-00	1
853-227249-001	0
796-208660-001	0
685-151512-001	1
853-227246-001	1
853-186514-001	1
15-401444-00	0
27-455547-00	1
34-309953-07	1
61-415262-00	0
61-415082-00	1
60-10006-00	0
60-107933-00	1
15-250449-00	0
60-159304-00	1
685-191732-021	1
22-112682-00	0
63-458666-00	0
60-309252-00	1
63-294083-02	0
60-174047-00	1
61-390344-00	1
27-101481-00	0
02-354551-00	0
02-325960-00	0
853-162390-001	1
685-151512-001	0
27-325180-00	1
27-425457-00	1
16-461249-00	0
16-461249-00	1
16-461249-00	1
853-176563-001	0
797-168638-001	1
797-191175-001	0
797-168644-001	0
797-168641-001	0

- m. Add the PNs with Model Nos in the Checklist with result 1 and PN with 0 will be replaced with comment "PN not found in O BOM".

9. After adding all data, verify all the CIDs, MCSD, SO, FCID etc.


						DEFINITION: FCID: SALES ORDER: SHIP DATE:		E4/KiyofX3 198039 83668 5/4/2020
Large Category	Midsize Category	Minor Category	Inspection details	ID	ITTM Checklist Description	Data Format	ITTM Results	
1. Planning (Production Specifications)	1.1 TURBO PUMP	1.1.1 TMP	1 Check if the model name is the same with SEC POR model	1	Turbo Pump PIN verified	PIN	796-952646-082	
			2 Check if the Max Speed is the same with SEC POR model	2	Turbo Pump Model	PIN	U6453162	
			3 Check if the capacity is the same with SEC POR model	3	TMP capacity validated at mfg automated test conductance test	Pass/Fail	Pass	
		1.1.2 CONTOUR	4 Check if the model is the same with SEC POR model	4	Turbo Pump Controller PIN Verified	PIN	796-944792-093	
			5 Check if the communication method is the same with SEC POR model	5	Turbo Pump Controller Model	PIN	121671	
			6 Check if the ID size is the same with SEC POR model	6	Turbo Pump Controller mfg automated test communication	Pass/Fail	Pass	
	1.2 APC (AFC device v/v)	1.2.1 APC	7 Check if the alignment of open position	7	APC PIN verified	PIN	719-981164-223	
			8 Check the alignment of close position	8	APC Model	PIN	65148-PHNE-OBG1	
			9 Check if the model is the same with SEC POR model	9	APC mfg automated test check alignment of Open Position	Pass/Fail	Pass	
		1.2.2 Control	10 Check if the communication method is the same with SEC POR model	10	APC mfg automated test check alignment of Close Position	Pass/Fail	Pass	
			11 Check the result of the conductance	11	APC Controller PIN verified	PIN	796-130644-223	
			12 Check if the model is the same with SEC POR model	12	APC Model	PIN	865747	
	1.3 HF	1.3.1 HF Generator or	13 Check if the communication method is the same with SEC POR model	13	APC Controller mfg automated test communication	Pass/Fail	Pass	
			14 Check whether the pulping time is required or not	14	APC mfg automated test conductance test	Pass/Fail	Pass	
			15 Check if Max Power is the same with SEC POR model	15	HF Generator PIN verified	PIN	648-178139-285	
			16 Input side air sample transfer rate to the same with sec v/v	16	HF Generator Model	PIN	3154330-164	
			17 Input side air sample transfer rate to the same with sec v/v	17	HF Generator mfg automated test Linearity test	Pass/Fail	Pass	
			18 Check if the matching method is the same with SEC POR model	18	HF Generator output control communication test	Pass/Fail	Pass	
		1.3.2 LF Generator or	19 Check if the model is the same with SEC POR model	19	HF Generator harmonics final test	Pass/Fail	Pass	
			20 Check if the communication method is the same with SEC POR model	20	LF Generator PIN verified	PIN	648-975399-166	
			21 Check if the matching method is the same with SEC POR model	21	LF Generator Model	PIN	3154330-164	
			22 Check if the starting value of matching is the same with ending values	22	LF Generator mfg automated test Linearity test	Pass/Fail	Pass	
			23 Check if the communication method is the same with SEC POR model	23	LF Generator output control communication test	Pass/Fail	Pass	
			24 Check if the matching method is the same with SEC POR model	24	Match Box TOP PIN verified	PIN	893-842759-223	
1.4 Gas Box	1.4.1 MPC	25 Check if the matching method is the same with SEC POR model	25	Match Box Model	PIN	NO		
		26 Check initial impedance matching	26	Match Box Bus PIN verified	PIN	832-129731-015		
		27 Check if the communication method is the same with SEC POR model	27	Match Box Bus Model	PIN	315591-024		
		28 Check if the communication method is the same with SEC POR model	28	Match Box calibration test (Impedance/capacitance)	Actual Data	See Addendum-2		
		29 Check if the communication method is the same with SEC POR model	29	Match Box matching Position	Pass/Fail	Pass		
		30 Check initial phase matching	30	Match Box test initial phase matching	Pass/Fail	Pass		
	1.4.2 MPC	31 Check if the communication method is the same with SEC POR model	31	Match Box test initial impedance matching	Pass/Fail	Pass		
		32 Check if the communication method is the same with SEC POR model	32	Gas Box MPC communication test	Pass/Fail	Data source not defined		
		33 Check flow control type in PTP/UPS	33	Gas Box MPC test flow control type in PTP/UPS	Pass/Fail	Data source not defined		
		34 Check if the communication method is the same with SEC POR model	34	Gas Box MPC test communication	Pass/Fail	Data source not defined		
		35 Check whether Leak back rate is within 0.5 mtorr	35	Gas Box MPC check whether Leak back rate is within 0.5 mtorr	Pass/Fail	Pass		
		36 Check 1 point gas calibration at the max scale	36	Gas Box MPC check 1 point gas calibration at the max scale	Pass/Fail	Pass		
1.5 SPIN	1.5.1 Robot	37 Do you record the calibration error value and manage with error specification?	37	Gas Box MPC calibration error value	Pass/Fail	Pass		
		38 Provide the calibration error value for each MPC	38	Gas Box MPC Test	Pass/Fail	Pass		
		39 Check if the robot is the same with SEC POR model	39	SPIN Robot PIN verified	PIN	799-119163-085		
	1.5.2 Side Buffer	40 Check if the robot is the same with SEC POR model	40	SPIN Robot Model	PIN	W52487044955		
		41 Check if the side buffer station(s) is installed	41	SPIN side buffer station(s)/installed	Pass/Fail	Data not found		
		42 Check the number of cassette slots installed	42	SPIN side buffer check the number of cassette slots installed	PIN	853-208433-082		
	43 Check the max value of N2 blowing	43	SPIN side Buffer Model	PIN	NO			
	44 Check if the side buffer station is installed	44	SPIN side Buffer test max value of N2 flow	Pass/Fail	Data source not defined			
			45 Check if the side buffer station is installed	45	SPIN side Buffer - heated buffer test			

### Addendum-1:

Prodc	FCID	PMSN	Statu on/p	Part Number	Serial Number	Measurement Description	Unit of Measure	Assoc iated	Associated Customer Description	Measure d	Measure d Result	Low Remarks
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	01. Plate Turn Position	in	96	E5C Check machining tolerance is in spec	0.0013	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	02. Position Vector	degrees	96	E5C Check machining tolerance is in spec	112.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	03. Overall Height Point#1	in	96	E5C Check machining tolerance is in spec	1.5014	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	04. Overall Height Point#2	in	96	E5C Check machining tolerance is in spec	1.5012	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	05. Overall Height Point#3	in	96	E5C Check machining tolerance is in spec	1.5013	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	04. Overall Height Point#4	in	96	E5C Check machining tolerance is in spec	1.5015	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	04. Overall Height Point#5	in	96	E5C Check machining tolerance is in spec	1.5014	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	04. Overall Height Point#6	in	96	E5C Check machining tolerance is in spec	1.5013	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	04. Overall Height Point#7	in	96	E5C Check machining tolerance is in spec	1.5011	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	05. Overall Height Point#8	in	96	E5C Check machining tolerance is in spec	1.5011	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	05. Step Height Point#1	in	96	E5C Check machining tolerance is in spec	0.5004	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	05. Step Height Point#2	in	96	E5C Check machining tolerance is in spec	0.5006	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	05. Step Height Point#3	in	96	E5C Check machining tolerance is in spec	0.5007	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	05. Step Height Point#4	in	96	E5C Check machining tolerance is in spec	0.5012	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	05. Step Height Point#5	in	96	E5C Check machining tolerance is in spec	0.5011	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	05. Step Height Point#6	in	96	E5C Check machining tolerance is in spec	0.5009	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	05. Step Height Point#7	in	96	E5C Check machining tolerance is in spec	0.5001	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	05. Step Height Point#8	in	96	E5C Check machining tolerance is in spec	0.5006	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	05. Step Height Max	in	96	E5C Check machining tolerance is in spec	0.5012	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	06. Width of DOT Point#1	in	96	E5C Check machining tolerance is in spec	0.0454	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	06. Width of DOT Point#2	in	96	E5C Check machining tolerance is in spec	0.0454	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	06. Width of DOT Point#3	in	96	E5C Check machining tolerance is in spec	0.0488	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	06. Width of DOT Point#4	in	96	E5C Check machining tolerance is in spec	0.0487	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	07. Height of DOT Point#1	mm	96	E5C Check machining tolerance is in spec	11.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	07. Height of DOT Point#2	mm	96	E5C Check machining tolerance is in spec	11.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	07. Height of DOT Point#3	mm	96	E5C Check machining tolerance is in spec	10.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	07. Height of DOT Point#4	mm	96	E5C Check machining tolerance is in spec	10.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	07. Height of DOT Point#5	mm	96	E5C Check machining tolerance is in spec	10.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	08. Width of Rib Point#1	in	96	E5C Check machining tolerance is in spec	0.1033	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	08. Width of Rib Point#2	in	96	E5C Check machining tolerance is in spec	0.0984	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	08. Width of Rib Point#3	in	96	E5C Check machining tolerance is in spec	0.0989	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	08. Width of Rib Point#4	in	96	E5C Check machining tolerance is in spec	0.1004	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	09. Height of Rib Point#1	mm	96	E5C Check machining tolerance is in spec	11.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	09. Height of Rib Point#2	mm	96	E5C Check machining tolerance is in spec	10.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	09. Height of Rib Point#3	mm	96	E5C Check machining tolerance is in spec	10.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	09. Height of Rib Point#4	mm	96	E5C Check machining tolerance is in spec	10.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	09. Height of Rib Point#5	mm	96	E5C Check machining tolerance is in spec	10.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	09. Height of Rib Point#6	mm	96	E5C Check machining tolerance is in spec	10.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	09. Height of Rib Point#7	mm	96	E5C Check machining tolerance is in spec	11.10	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	09. Height of Rib Point#8	mm	96	E5C Check machining tolerance is in spec	8.90	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#1	micro-in	96	E5C Check machining tolerance is in spec	9.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#2	micro-in	96	E5C Check machining tolerance is in spec	10.40	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#3	micro-in	96	E5C Check machining tolerance is in spec	10.40	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#4	micro-in	96	E5C Check machining tolerance is in spec	11.40	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#5	micro-in	96	E5C Check machining tolerance is in spec	9.70	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#6	micro-in	96	E5C Check machining tolerance is in spec	9.80	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#7	micro-in	96	E5C Check machining tolerance is in spec	9.70	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#8	micro-in	96	E5C Check machining tolerance is in spec	8.90	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#9	micro-in	96	E5C Check machining tolerance is in spec	10.30	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#10	micro-in	96	E5C Check machining tolerance is in spec	10.30	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#11	micro-in	96	E5C Check machining tolerance is in spec	10.20	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#12	micro-in	96	E5C Check machining tolerance is in spec	12.00	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#13	micro-in	96	E5C Check machining tolerance is in spec	10.20	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#14	micro-in	96	E5C Check machining tolerance is in spec	9.80	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#15	micro-in	96	E5C Check machining tolerance is in spec	11.40	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#16	micro-in	96	E5C Check machining tolerance is in spec	9.80	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#17	micro-in	96	E5C Check machining tolerance is in spec	11.30	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#18	micro-in	96	E5C Check machining tolerance is in spec	9.80	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	10. Ra of Rib Point#19	micro-in	96	E5C Check machining tolerance is in spec	9.80	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	11. Flatness Point#1	in	96	E5C Check machining tolerance is in spec	0.0001	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	11. Flatness Point#10	in	96	E5C Check machining tolerance is in spec	0.0001	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	11. Flatness Point#11	in	96	E5C Check machining tolerance is in spec	0.0001	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	11. Flatness Point#12	in	96	E5C Check machining tolerance is in spec	0.0002	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	11. Flatness Point#13	in	96	E5C Check machining tolerance is in spec	0.0001	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	11. Flatness Point#14	in	96	E5C Check machining tolerance is in spec	0.0001	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	11. Flatness Point#15	in	96	E5C Check machining tolerance is in spec	0.0001	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	11. Flatness Point#16	in	96	E5C Check machining tolerance is in spec	0.0001	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	11. Flatness Point#17	in	96	E5C Check machining tolerance is in spec	0.0003	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	11. Flatness Point#18	in	96	E5C Check machining tolerance is in spec	0.0003	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	11. Flatness Point#19	in	96	E5C Check machining tolerance is in spec	0.0003	Pass	
KivaFX	199039	KFX-3390		839-019090-632	1001667-025752	11. Flatness Point#20	in	96	E5C Check machining tolerance is in spec	0.0002	Pass	



## Addendum-2:

				PRODUCT: E4/KryoFXx3 FCID: 198039 SALES: B3668 SHIP DATE: 5/4/2020			
ID	Description	FCID	Serial Number	Test Result	Notes	Measure	
19	Malak Box mfg. assembled test malak calibration test DE; RF bias test CE	198039-PH2	KFX-3939	PASSED	SLOPE	4407.1	
22	Malak Box mfg. assembled test malak calibration test DE; RF bias test CE	198039-PH3	KFX-3939	PASSED	SLOPE	5521.1	
22	Malak Box mfg. assembled test malak calibration test DE; RF bias test CE	198039-PH4	KFX-3939	PASSED	SLOPE	6946.82	
43	PH Chamber test PH1 chamber rate	198039-PH2	KFX-3939	PASSED	chamber ROE	8.5792	
43	PH Chamber test PH1 chamber rate	198039-PH3	KFX-3939	PASSED	chamber ROE	8.5792	
43	PH Chamber test PH1 chamber rate	198039-PH4	KFX-3939	PASSED	chamber ROE	8.5792	
44	PH Chamber test PH2 chamber rate	198039-PH2	KFX-3939	PASSED	chamber ROE	8.5792	
44	PH Chamber test PH2 chamber rate	198039-PH3	KFX-3939	PASSED	chamber ROE	8.5792	
44	PH Chamber test PH2 chamber rate	198039-PH4	KFX-3939	PASSED	chamber ROE	8.5792	
53	ESC Insulator Lake and mfg. assembled test	198039-PH2	KFX-3939	PASSED	chamber ROE	8.5792	
53	ESC Insulator Lake and mfg. assembled test	198039-PH3	KFX-3939	PASSED	chamber ROE	8.5792	
53	ESC Insulator Lake and mfg. assembled test	198039-PH4	KFX-3939	PASSED	chamber ROE	8.5792	
182	Heater resistance mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	INNER_HEATER_RESISTANCE	26.4	
182	Heater resistance mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	OUTER_HEATER_RESISTANCE	19.5	
182	Heater resistance mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MID_INNER_HEATER_RESISTANCE	34.1	
182	Heater resistance mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MID_OUTER_HEATER_RESISTANCE	21.5	
182	Heater resistance mfg. assembled test	F198039-KFX-3939-DE	A18222753	PASSED	INNER_HEATER_RESISTANCE	26.5	
182	Heater resistance mfg. assembled test	F198039-KFX-3939-DE	A18222753	PASSED	OUTER_HEATER_RESISTANCE	19.7	
182	Heater resistance mfg. assembled test	F198039-KFX-3939-DE	A18222753	PASSED	MID_INNER_HEATER_RESISTANCE	34.5	
182	Heater resistance mfg. assembled test	F198039-KFX-3939-DE	A18222753	PASSED	MID_OUTER_HEATER_RESISTANCE	21.7	
182	Heater resistance mfg. assembled test	F198039-KFX-3939-DE	A18251745	PASSED	INNER_HEATER_RESISTANCE	26.8	
182	Heater resistance mfg. assembled test	F198039-KFX-3939-DE	A18251745	PASSED	OUTER_HEATER_RESISTANCE	22.6	
182	Heater resistance mfg. assembled test	F198039-KFX-3939-DE	A18251745	PASSED	MID_INNER_HEATER_RESISTANCE	35	
182	Heater resistance mfg. assembled test	F198039-KFX-3939-DE	A18251745	PASSED	MID_OUTER_HEATER_RESISTANCE	28	
183	Heater mfg. assembled Temp Control test	F198039-KFX-3939-DE	A18251756	PASSED	INNER_RISE	1.38	
183	Heater mfg. assembled Temp Control test	F198039-KFX-3939-DE	A18251756	PASSED	MIDINNER_RISE	1.41	
183	Heater mfg. assembled Temp Control test	F198039-KFX-3939-DE	A18251756	PASSED	MIDOUTER_RISE	1.45	
183	Heater mfg. assembled Temp Control test	F198039-KFX-3939-DE	A18251756	PASSED	OUTER_RISE	1.45	
183	Heater mfg. assembled Temp Control test	F198039-KFX-3939-DE	A18222753	PASSED	INNER_RISE	1.5	
183	Heater mfg. assembled Temp Control test	F198039-KFX-3939-DE	A18222753	PASSED	MIDINNER_RISE	1.5	
183	Heater mfg. assembled Temp Control test	F198039-KFX-3939-DE	A18222753	PASSED	MIDOUTER_RISE	1.5	
183	Heater mfg. assembled Temp Control test	F198039-KFX-3939-DE	A18222753	PASSED	OUTER_RISE	1.5	
183	Heater mfg. assembled Temp Control test	F198039-KFX-3939-DE	A18251745	PASSED	INNER_RISE	1.5	
183	Heater mfg. assembled Temp Control test	F198039-KFX-3939-DE	A18251745	PASSED	MIDINNER_RISE	1.5	
183	Heater mfg. assembled Temp Control test	F198039-KFX-3939-DE	A18251745	PASSED	MIDOUTER_RISE	1.5	
183	Heater mfg. assembled Temp Control test	F198039-KFX-3939-DE	A18251745	PASSED	OUTER_RISE	1.5	
184	DE: mfg. assembled test Top Plate Ramp Up/Down	F198039-KFX-3939-DE	A18251756	PASSED	INNER_RISE	1.58	
184	CE: mfg. assembled test ESC Heater Ramp Up	F198039-KFX-3939-DE	A18251756	PASSED	MIDINNER_RISE	1.41	
184	DE: mfg. assembled test Top Plate Ramp Up/Down	F198039-KFX-3939-DE	A18251756	PASSED	MIDOUTER_RISE	1.45	
184	CE: mfg. assembled test ESC Heater Ramp Up	F198039-KFX-3939-DE	A18251756	PASSED	OUTER_RISE	1.45	
184	DE: mfg. assembled test Top Plate Ramp Up/Down	F198039-KFX-3939-DE	A18222753	PASSED	INNER_RISE	1.5	
184	CE: mfg. assembled test ESC Heater Ramp Up	F198039-KFX-3939-DE	A18222753	PASSED	MIDINNER_RISE	1.5	
184	DE: mfg. assembled test Top Plate Ramp Up/Down	F198039-KFX-3939-DE	A18222753	PASSED	MIDOUTER_RISE	1.5	
184	CE: mfg. assembled test ESC Heater Ramp Up	F198039-KFX-3939-DE	A18222753	PASSED	OUTER_RISE	1.5	
184	DE: mfg. assembled test Top Plate Ramp Up/Down	F198039-KFX-3939-DE	A18251745	PASSED	INNER_RISE	1.52	
184	CE: mfg. assembled test ESC Heater Ramp Up	F198039-KFX-3939-DE	A18251745	PASSED	MIDINNER_RISE	1.53	
184	DE: mfg. assembled test Top Plate Ramp Up/Down	F198039-KFX-3939-DE	A18251745	PASSED	MIDOUTER_RISE	1.56	
184	CE: mfg. assembled test ESC Heater Ramp Up	F198039-KFX-3939-DE	A18251745	PASSED	OUTER_RISE	1.5	
The following values checked: Values are equal or greater than above: Pressure checked at end of each execution. TMP H2 Purge Value PASS MP H2 Purge Value PASS Gas Line Shut-off Value PASS TMP Exhaust Value PASS Chamber Lifter Up PASS Chamber Reach Value PASS Helium Supply Value PASS Helium Isolation Value PASS Self Reach Value PASS Helium Fan/Exhaust Value PASS Chamber Lifter Down PASS Plate H2O Humidity Value PASS Pressure Helium Isolation Value PASS Dual/Quad Rear Inlet Exhaust Value PASS Dual/Quad Rear Outlet Exhaust Value PASS Dual/Quad Rear Inlet Isolation Value PASS Dual/Quad Rear Inlet Isolation Value PASS							
185	Subcooled mfg. assembled test						
186	Subcooled mfg. assembled test	198039-PH2	KFX-3939	PASSED	OVER_ALL_RESULT	Pass	
186	Subcooled mfg. assembled test	198039-PH3	KFX-3939	PASSED	OVER_ALL_RESULT	Pass	
186	Subcooled mfg. assembled test	198039-PH4	KFX-3939	PASSED	OVER_ALL_RESULT	Pass	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MEAS_1	8.551886	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MEAS_2	8.579594	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MEAS_3	1.42212	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MEAS_4	1.77882	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MEAS_5	1.77886	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MEAS_6	2.88151	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MEAS_7	3.26353	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MEAS_8	1.88892	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MEAS_9	1.61193	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MEAS_10	2.18575	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251756	PASSED	MEAS_11	2.78651	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18222753	PASSED	MEAS_12	3.28864	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18222753	PASSED	MEAS_13	4.15288	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18222753	PASSED	MEAS_14	4.77985	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251745	PASSED	MEAS_15	8.581156	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251745	PASSED	MEAS_16	8.572893	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251745	PASSED	MEAS_17	1.23355	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251745	PASSED	MEAS_18	1.4445	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251745	PASSED	MEAS_19	1.85462	
187	MPC mfg. assembled test	F198039-KFX-3939-DE	A18251745	PASSED	MEAS_20	2.58549	

10. Move Checklist to Completed folder.

## 5. References:

1. eTTM SharePoint Site: <https://sharepoint.lamrc.net/cft/priws/eTTM/default.aspx>
2. GSQA: [https://plant.lamgsqa.com/pls/lam-plant/call\\_main?inf=P](https://plant.lamgsqa.com/pls/lam-plant/call_main?inf=P)
3. CF (PN SN): <http://ddtcweb15:8002/CFSNSearchBySOLMFG.aspx>
4. Appian: <https://sharepoint.lamrc.net/cft/LES/SitePages/Home.aspx>

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