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ХЭРЭГЛЭГЧИЙН ГАРЫН АВЛАГА

QM Data in Routing Upload

“Routing дээр IPQC Inspection plan-ийг”

олноор нь үүсгэх болон өөрчлөх

(UM_QM_403)



ӨӨРЧЛӨЛТИЙН ТҮҮХ

Хувилбар	Боловсруулсан	Огноо	Баталсан
V1.0	С.Номинжаргал	09-01-24	
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**АГУУЛГА**

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“Inspection plan буюу Хяналтын төлөвлөгөөг” routing дээр олноор нь үүсгэхтэй холбоотой Т-кодын жагсаалтыг дор жагсаалтаар оруулав:

1. ZGBQM003- QM Data in Routing Upload – IPQC дамжлага дундын чанарын хяналтын төлөвлөгөөг олноор нь үүсгэх
2. CA03- Routing display – Тухайн материал дээр Routing үүссэн эсэхийг шалгана /нэг, нэгээр нь/
3. SE16N – General Table Display – Тухайн материал дээр Routing үүссэн эсэхийг Table дээрээс нь шалгах / олноор нь/
4. ZGBMM004 - Material master data report – “Other business view” Тухайн материал дээр Routing үүссэн эсэхийг Table дээрээс нь шалгах / олноор нь/
5. ZGBQM008 – “Mass Change Routing QM Data” үүсгэсэн чанарын хяналтын төлөвлөгөөг олноор нь өөрчлөх болон устгах

IPQC Inspection plan үүсгэхийн өмнө тухайн материал дээр Routing үүссэн байх шаардлагатай.

1 IPQC Inspection plan үүсгэх материал дээр Routing үүссэн эсэхийг шалгах

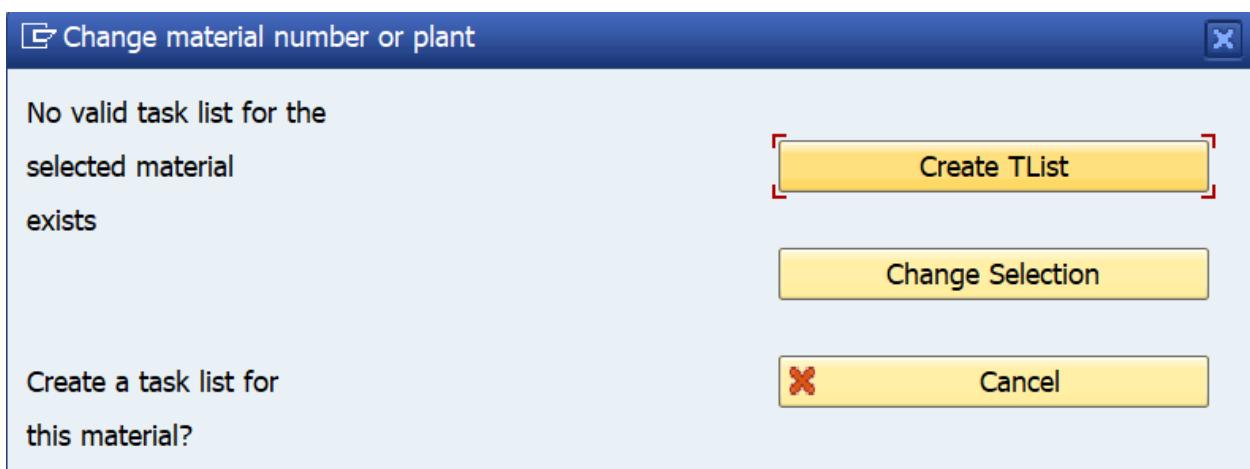
1.1 CA03 t-code oop Routing үүссэн эсэхийг шалгана

SAP системд “CA03” Т-кодоор нэвтэрч дараах цонхыг нээнэ.

Display Routing: Initial Screen

Routings	Sequences	Operations
Material	YK260200G1098S0000-000	
Plant	8012	<input type="button" value=""/>
Sales Document		Sales Document Item
WBS Element		
Group		
Validity		
Change Number		
Key Date	2024.11.20	
Revision Level		
Additional criteria for task list selection		
Plant		
Group Counter		
Task List Status		
Planner Group		
Additional data		
Profile		

1. “Material & Plant” дээр IPQC Inspection plan тохируулах материалын SKU дугаар болон үйлдвэрийн кодыг бичнэ. “Enter” дарна.



2. Тухайн Material дээр Routing үүсээгүй бол дараах алдаа гарч ирнэ.

Display Routing: Operation Overview																		
Group		50004739	Group Counter		1													
Material		YK260200G1098S0000-000		2/26 Yarn, 1098, 100% Cashmere														
Sequence		0	Sequence Desc.															
Operation Overview																		
Oper...	SOp	Work Center	Plant	Cont...	Standard T...	Description	Lo...	PRT	Cla...	Ob...	Per...	Cu...	Su...	Base Quantity	Un...	Labor cost	Unit	Activity
0010		8012006	8012 ZP01			Carding machine	<input type="checkbox"/>	93	KG	540	MIN AT01							
0020		8012006	8012 ZP01			Bigagli spinning	<input type="checkbox"/>	93	KG	540	MIN AT01							
0030		8012006	8012 ZP01			Winding	<input type="checkbox"/>	93	KG	240	MIN AT01							
0040		8012006	8012 ZP01			Double winding	<input type="checkbox"/>	93	KG	240	MIN AT01							
0050		8012006	8012 ZP01			Twisting	<input type="checkbox"/>	93	KG	540	MIN AT01							

3. Тухайн SKU дээр Routing байгаа бол routing-ийн мэдээлэл гарч ирнэ.

Үүссэн Routing-ийн “Group” & “Group Counter” дугаарыг тэмдэглэж авна. /Энэ дугаар нь IPQC Inspection plan үүсгэхэд ашиглагдана/

1.2 SE16N t-code oop Routing үүссэн эсэхийг олон материал дугаар дээр шалгах

SAP системд “SE16N” T-кодоор нэвтэрч дараах “General Table Display” цонхыг нээнэ.

General Table Display

The screenshot shows the SAP General Table Display interface. The 'Table' field is set to 'MAPL'. In the 'Selection Criteria' section, the 'Material' field is populated with 'YK260200G0755S000-000' and the 'Task List Type' field is set to 'N'. Other fields like Client, Plant, and Task List Type have their respective technical names selected.

1. "Table" хэсэг дээр "MAPL" гэсэн утгыг бичнэ. "Enter" дарна.

General Table Display

The screenshot shows the SAP General Table Display interface. The 'Table' field is set to 'MAPL'. The 'Maximum no. of hits' field is highlighted with a red box and contains the value '500000'. The 'Selection Criteria' section shows the same material and task list type as the previous screenshot.

2. Material гэсэн хэсэг дээр Routing үүссэн эсэхийг шалгах Mateial- удыг хуулж тавина.

"Task list Type" дээр "N" гэсэн утгыг бичиж өгнө.

"Maximun no. of hits" дээр шалгах материалын тооноос хамаараад тоог ихэсгэж өгнө.

MAPL: Display of Entries Found

The screenshot shows the SAP MAPL: Display of Entries Found interface. It displays 112 entries found. The table includes columns such as Material, Plant, Type Group, Grc, CrtCt, Counter, Valid From, T st from, Change No., DelD, Ina Created On, By, Chngd By, Supplier, Customer, Srch Fld, Sales Doc., Item, WBS Elemt, and Valid to. A red box highlights the first few rows of the table.

3. "Execute" буюу дээр дарна.

Routing-тэй SKU материалуудын жагсаалт харагдана. Deletion indicator дээр “X” тэмдэглэгээтэй бол тухайн Routing-ийг устгасан гэсэн тэмдэглэгээтэй болсон байна.

“Number of Hits” дээр ууссэн routing-ийн тоо гарч ирнэ.

“Material-д хамаарах Plant, Group” & “Group Counter” дугаарыг тэмдэглэж авна. /Энэ дугаар нь IPQC Inspection plan уусгэхэд ашиглагдана/

1.3 ZGBMM004 t-code oop Routing ўүссэн эсэхийг шалгах

SAP системд “ZGBMM004” Т-кодоор нэвтэрч дараах “Material master data report” цонхыг нээнэ

Material master data report

Basic information list
 Other business view
 Finance view
 Release material
 Sale view
 Quality view

Costing Date	2024.11.20																																																															
Plant-Specific Material Status	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Material</td> <td style="width: 30%;">YK2 602*</td> <td style="width: 15%;">to</td> <td style="width: 30%;"></td> <td style="width: 15%; text-align: center;"></td> </tr> <tr> <td>Material Type</td> <td></td> <td>to</td> <td></td> <td></td> </tr> <tr> <td>Material Group</td> <td></td> <td>to</td> <td></td> <td></td> </tr> <tr> <td>Plant</td> <td>8012</td> <td>to</td> <td></td> <td></td> </tr> <tr> <td>Procurement Type</td> <td></td> <td>to</td> <td></td> <td></td> </tr> <tr> <td>Special Procurement</td> <td></td> <td>to</td> <td></td> <td></td> </tr> <tr> <td>Delete at client level</td> <td></td> <td>to</td> <td></td> <td></td> </tr> <tr> <td>Delete at plant level</td> <td></td> <td>to</td> <td></td> <td></td> </tr> <tr> <td>Department</td> <td></td> <td>to</td> <td></td> <td></td> </tr> <tr> <td>Created By</td> <td></td> <td>to</td> <td></td> <td></td> </tr> <tr> <td>Created On</td> <td></td> <td>to</td> <td></td> <td></td> </tr> <tr> <td>Plant</td> <td style="text-align: center; background-color: #ffffcc;"> </td> <td></td> <td></td> <td></td> </tr> </table>				Material	YK2 602*	to			Material Type		to			Material Group		to			Plant	8012	to			Procurement Type		to			Special Procurement		to			Delete at client level		to			Delete at plant level		to			Department		to			Created By		to			Created On		to			Plant				
Material	YK2 602*	to																																																														
Material Type		to																																																														
Material Group		to																																																														
Plant	8012	to																																																														
Procurement Type		to																																																														
Special Procurement		to																																																														
Delete at client level		to																																																														
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Department		to																																																														
Created By		to																																																														
Created On		to																																																														
Plant																																																																

- #### 1. “Other business view” гэсэн сонголтыг сонгоно.

Material- Routing- тэй эсэхийг шалгах материалын жагсаалтыг оруулна.

Plant- Тухайн материалыг шалгах үйлдвэрийн дугаарыг оруулна.

“Execute” буюу дээр дарна.

Material master data report

Material	Plant	Delete flag	Material type	Material descri...	Unit	Material group	Group descri...	BOM	Routing	Info. record
X YK260200G07555000-000	8012	20	2/26 Yarn	KG	YK	Yarn,Knitting	X	X	X	
YK260200B091350000-000	8012	20	Dyed Yarn, 09...	KG	YK	Yarn,Knitting	X	X	X	
YK260200B094350000-000	8012	20	Dyed Yarn, 09...	KG	YK	Yarn,Knitting	X	X	X	
YK260200B126500000-000	8012	20	Dyed Yarn, 12...	KG	YK	Yarn,Knitting	X	X	X	
X YK260200C000350000-000	8012	20	2/26 Yam, 00...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C012650000-000	8012	20	2/26 Yam, 01...	KG	YK	Yarn,Knitting	X	X	X	
X YK260200C013050000-000	8012	20	2/26 Yam, 01...	KG	YK	Yarn,Knitting	X	X	X	
X YK260200C018150000-000	8012	20	2/26 Yam, 01...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C023950000-000	8012	20	2/26 Yam, 1...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C026250000-000	8012	20	2/26 Yam, 02...	KG	YK	Yarn,Knitting	X	X	X	
X YK260200C026950000-000	8012	20	2/26 Yam, 02...	KG	YK	Yarn,Knitting	X	X	X	
X YK260200C049650000-000	8012	20	2/26 Yam, 04...	KG	YK	Yarn,Knitting	X	X	X	
X YK260200C074950000-000	8012	20	2/26 Yam, 1...	KG	YK	Yarn,Knitting	X	X	X	
X YK260200C0H-1500000-000	8012	20	2/26 Yam, 0H...	KG	YK	Yarn,Knitting	X	X	X	
X YK260200C117550000-000	8012	20	2/26 Yam, 11...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C152500000-000	8012	20	2/26 Yam, 15...	KG	YK	Yarn,Knitting	X	X	X	
X YK260200C155750000-000	8012	20	2/26 Yam, 15...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C173750000-000	8012	20	2/26 Yam, 11...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C182850000-000	8012	20	2/26 Yam, 18...	KG	YK	Yarn,Knitting	X	X	X	
YK260200D006550000-000	8012	20	2/26 Dyed Yar...	KG	YK	Yarn,Knitting	X	X	X	
YK260200D007250000-000	8012	20	2/26 Dyed Yar...	KG	YK	Yarn,Knitting	X	X	X	
YK260200D024650000-000	8012	20	2/26 Dyed Yar...	KG	YK	Yarn,Knitting	X	X	X	
YK260200D027650000-000	8012	20	2/26 Dyed Yar...	KG	YK	Yarn,Knitting	X	X	X	
YK260200D038750000-000	8012	20	2/26 Dyed Yar...	KG	YK	Yarn,Knitting	X	X	X	

2. Material-д хамаарах дата мэдээллүүд гарч ирнэ.

Routing гэсэн багана дээр “X” гэсэн тэмдэглэгээтэй бол routing үүссэн гэж харагдана.

Material	Plant	Delete flag	Material type	Material descri...	Unit	Material group	Group descri...	BOM	Routing	Info. record
Determine Values for Filter Criteria										
Select.										
Routing <input type="text" value="X"/>										
<input type="button" value="X"/> <input type="button" value="to"/> <input type="button" value="OK"/>										
<input type="checkbox"/> Copy Text <input type="checkbox"/> Hide <input type="checkbox"/> Show... <input type="checkbox"/> Optimize Width <input type="checkbox"/> Freeze to Column <input type="checkbox"/> Unfreeze Columns <input type="checkbox"/> Sort in Ascending Order <input type="checkbox"/> Sort in Descending Order <input type="checkbox"/> Find <input type="checkbox"/> Set Filter... <input type="checkbox"/> Total <input type="checkbox"/> Subtotals <input type="checkbox"/> Spreadsheet...										

Material	Plant	Delete flag	Material type	Material descri...	Unit	Material group	Group descri...	BOM	Routing	Info. record
YK260200G07555000-000	8012	20	2/26 Yarn	KG	YK	Yarn,Knitting	X	X	X	
YK260200B091350000-000	8012	20	Dyed Yarn, 09...	KG	YK	Yarn,Knitting	X	X	X	
YK260200B094350000-000	8012	20	Dyed Yarn, 09...	KG	YK	Yarn,Knitting	X	X	X	
YK260200B126500000-000	8012	20	Dyed Yarn, 12...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C000350000-000	8012	20	2/26 Yam, 00...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C013050000-000	8012	20	2/26 Yam, 01...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C018150000-000	8012	20	2/26 Yam, 01...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C023950000-000	8012	20	2/26 Yam, 1...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C026250000-000	8012	20	2/26 Yam, 02...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C026950000-000	8012	20	2/26 Yam, 02...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C049650000-000	8012	20	2/26 Yam, 04...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C074950000-000	8012	20	2/26 Yam, 1...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C0H-1500000-000	8012	20	2/26 Yam, 0H...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C117550000-000	8012	20	2/26 Yam, 11...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C152500000-000	8012	20	2/26 Yam, 15...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C155750000-000	8012	20	2/26 Yam, 15...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C173750000-000	8012	20	2/26 Yam, 11...	KG	YK	Yarn,Knitting	X	X	X	
YK260200C182850000-000	8012	20	2/26 Yam, 18...	KG	YK	Yarn,Knitting	X	X	X	
YK260200D006550000-000	8012	20	2/26 Dyed Yar...	KG	YK	Yarn,Knitting	X	X	X	
YK260200D007250000-000	8012	20	2/26 Dyed Yar...	KG	YK	Yarn,Knitting	X	X	X	
YK260200D024650000-000	8012	20	2/26 Dyed Yar...	KG	YK	Yarn,Knitting	X	X	X	
YK260200D027650000-000	8012	20	2/26 Dyed Yar...	KG	YK	Yarn,Knitting	X	X	X	
YK260200D038750000-000	8012	20	2/26 Dyed Yar...	KG	YK	Yarn,Knitting	X	X	X	
YK260200D041150000-000	8012	20	2/26 Dyed Yar...	KG	YK	Yarn,Knitting	X	X	X	
YK260200D047550000-000	8012	20	2/26 Dyed Yar...	KG	YK	Yarn,Knitting	X	X	X	

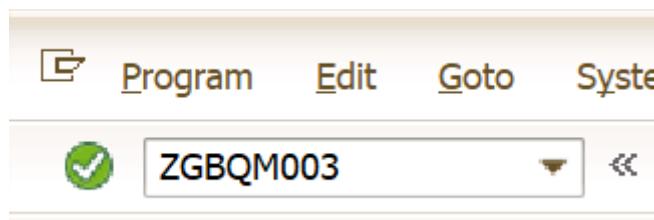


Mouse 2 дээр дарна. “Set filter”-ийг сонгоно. Х буюу зөвхөн Routing үүссэн материалуудыг шүүнэ.

- Routing-тэй материал дугааруудыг хуулна. “SE16N” T-code- ийг ашиглан Routing-ийн Group, Group counter дугаарыг бөөнөөр нь хуулж авна.

2 Routing үүссэн материал дээр IPQC Inspection plan үүсгэх

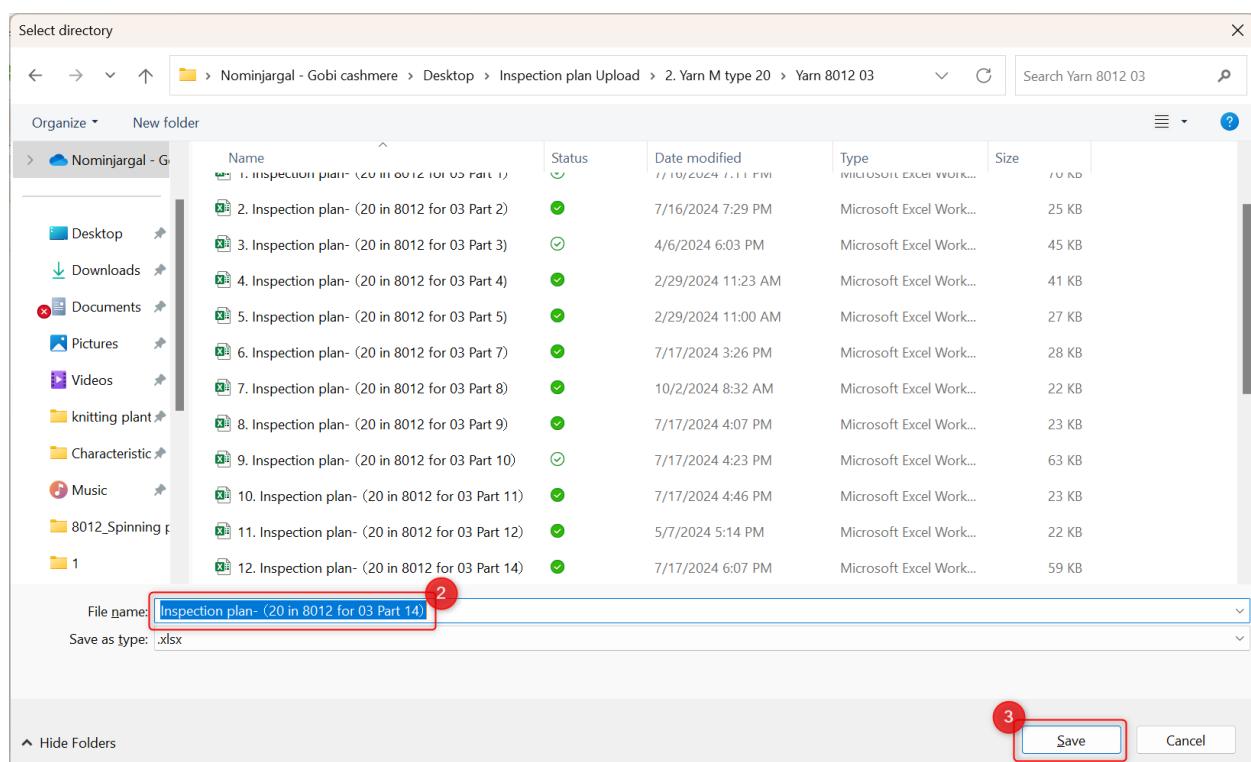
2.1 Inspection plan-ийг олноор нь үүсгэх



“ZGBQM003” Т-кодоор нэвтэрнэ.



- “Download template” дээр дарж template-ийг татаж авна.



- Хадгалах газар болон нэрийн оруулна.

- “Save” хийнэ.

SAP GUI Security



The system is attempting to create the file

C:\Users\ERP-08\OneDrive - Gobi cashmere\Documents\SAP\Quantitative import templates20241021 UM.XLSX

in the following directory:

C:\Users\ERP-08\OneDrive - Gobi cashmere\Documents\SAP\

Do you want to grant the permission to modify the parent directory and all its subdirectories?

Remember My Decision

4

Allow
Deny

Help

4. "SAP GUI Security" гэсэн цонх гарч ирнэ. "Allow"-ийг сонгоно..

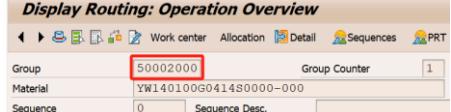
Download 19 KB C:\Users\ERP-08\OneDrive - Gobi cashmere\Desktop\1\Inspection plan- (20 in 8012 for 03 Part 14) UM.xlsx

5. Allow дарсны дараа дээрх message гарч ирнэ.

Татаж авсан excel template нь:

Mark. The file can contain routing data for one plant															
TASK_LIST_GROUP	GROUP_COUNTER	MATERIAL	PLANT	DESCRIPTION	IDENT_KEY	INSPOINT_PNLALLOT_AS5G	ACTIVITY	DESCRIPTION	MSTR_CHAR	CHARC_NO	PMSL_CHAR	SIMPL_PROCEDURE			
Key for Task List Group	Group Counter	Material Number	Plant	Routing Description(Chart)	Identifier for Inspection Point Field	Partial Lot Assignment in an Operation(During Production)	Operation/Activity Number	Control key(Chart)	Operation Activity Description	Inspection Characteristic Sequence No	Master Inspection Characteristic MIC	Sampling Procedure in Inspection Characteristic			

Хүснэгт 1 IPQC Inspection plan үүссэх үед бөглөхөд шаардлагатай мэдээллүүд

№	Бөглөх талбарын нэр (Eng)	Бөглөх талбарын нэр (Mon)	Тайлбар
1	Material number	Материалын дугаар	SKU буюу материалын дугаар
2	Plant	8011/ 8012/ 8014	Үйлдвэрийн код
3	Group	Үүссэн routing-ийн Group дугаар	
4	Inspection description	IPQC г.м	Чанарын хяналтын нэр
5	Operation/Activity Number	9001/ 9002/ 9003	Чанарын хяналтын бүлгийн дугаар /Бүлгийн дугаарыг 9000-аас хойш нь дугаарлана/
6	Operation short text	Raw cashmere Inspection	Чанарын хяналтын бүлгийн дугаарын нэр
7	Inspection Characteristic	Чанарын үзүүлэлтийн	Тухайн материалд хамаарах чанарын үзүүлэлтийн дугаарлалт. Жишээ нь: 10, 20

	Number	дарааллын дугаар	10- 10010002 20- 10010004
8	Master Inspection Characteristic	Чанарын үзүүлэлтийн код	Тухайн материалыг шалгах чанарын үзүүлэлт буюу Inspection charc. дугаар. Жишээ нь: 10010002, 10010004
9	Sampling Procedure in Inspection Characteristic	Шалгалтын хэмжээний код	Тухайн чанарын үзүүлэлтэд хамаарах шалгалтын хэмжээний код. Чанарын үзүүлэлт тус бүрд нь оруулна.
Шалгалтын кодын ард тухайн үзүүлэлтэд хамаарах шалгалтын хэмжээний кодыг ард нь бичнэ.			
Тайлбар: Үзүүлэлтийн дараалал			
<p>Үзүүлэлтийн код QS28 T-code-ийг ашиглан SAP програм дээр байгаа үзүүлэлтийн жагсаалтыг харна.</p> <p>Тухайн материал дээр шалгагдах үзүүлэлт програм дээр байхгүй тохиолдолд "GOBI_BBP_QM_140_Inspection characteristic maintenance process" -ийн дагуу үүсгэнэ.</p>		<p>Шалгалтын хэмжээ</p> <p>QDV3 T-code -ийг ашиглан SAP програм дээр үүссэн "Sampling Procedure" -ийн жагсаалтыг харна.</p> <p>Тухайн материал дээр шалгагдах "Sampling procedure" програм дээр байхгүй тохиолдолд "GOBI_BBP_QM_130_Sampling procedure maintenance process" -ийн дагуу үүсгэнэ.</p> <p>Sampling procedure-ийн код нь 3, 4 дэх код нь заавал "SP" -г сонгоно. (G1SP_004)</p>	

6. Template-ийг бөглөхөд шаардлагатай мэдээллүүд.

ACTIVITY	DESCRIPTION	MSTR_CHAR	CHARC_NO	PMSTR_CHAR	SMPL_PROCEDURE
Operation/Activity Number	Control key(Char04)	Operation Activity Description	Inspection Characteristic Sequence No	Master Inspection Characteristic MIC	Sampling Procedure in Inspection Characteristic
9001	QM01	Combing operation	10		12030009 G2SP_001
9001	QM01	Combing operation	20		12030027 G2SP_001
9001	QM01	Combing operation	30		12030028 G2SP_001
9002	QM01	Roving Count	10		12030009 G2SP_001
9002	QM01	Roving Count	20		12030045 G2SP_001
9002	QM01	Roving Count	30		12030046 G2SP_001
9003	QM01	Single yarn inspection	10		12040003 G2SP_001
9003	QM01	Single yarn inspection	20		12040028 G2SP_001
9003	QM01	Single yarn inspection	30		12040054 G2SP_001
Чанарын хяналтын бүлэгийн дугаар		Чанарын хяналтын бүлэгийн дугаар нэр	Чанарын үзүүлэлтийн дараалалын дугаар	Чанарын үзүүлэлтийн код	Шалгалтын хэмжээний код
			Тогтол байх утга		

7. Дээрх байдлаар template-д оруулж бөглөнө.

8. Оруулсан мэдээллээ шалгасны дараа “Save” хийж хадгална.

QM Data in Routing Upload

Download Template

Upload Template

File Path

File Selection

File Selection dialog showing a list of Microsoft Excel files (XLSX) in a folder structure. The file "7. Inspection plan- (20 in 8012 for 03 Part 8).xlsx" is selected and highlighted with a red box. The file path is "Desktop > Inspection plan Upload > 2. Yarn M type 20 > Yarn 8012 03".

Name	Status	Date modified	Type	Size
1. Inspection plan- (20 in 8012 for 03 Part 1)	✓	7/16/2024 7:11 PM	Microsoft Excel Work...	70 KB
2. Inspection plan- (20 in 8012 for 03 Part 2)	✓	7/16/2024 7:29 PM	Microsoft Excel Work...	25 KB
3. Inspection plan- (20 in 8012 for 03 Part 3)	✓	4/6/2024 6:03 PM	Microsoft Excel Work...	45 KB
4. Inspection plan- (20 in 8012 for 03 Part 4)	✓	2/29/2024 11:23 AM	Microsoft Excel Work...	41 KB
5. Inspection plan- (20 in 8012 for 03 Part 5)	✓	2/29/2024 11:00 AM	Microsoft Excel Work...	27 KB
6. Inspection plan- (20 in 8012 for 03 Part 7)	✓	7/17/2024 3:26 PM	Microsoft Excel Work...	28 KB
7. Inspection plan- (20 in 8012 for 03 Part 8)	✓	10/2/2024 8:32 AM	Microsoft Excel Work...	22 KB
8. Inspection plan- (20 in 8012 for 03 Part 9)	✓	7/17/2024 4:07 PM	Microsoft Excel Work...	23 KB
9. Inspection plan- (20 in 8012 for 03 Part 10)	✓	7/17/2024 4:23 PM	Microsoft Excel Work...	63 KB
10. Inspection plan- (20 in 8012 for 03 Part 11)	✓	7/17/2024 4:46 PM	Microsoft Excel Work...	23 KB
11. Inspection plan- (20 in 8012 for 03 Part 12)	✓	5/7/2024 5:14 PM	Microsoft Excel Work...	22 KB
12. Inspection plan- (20 in 8012 for 03 Part 14)	✓	7/17/2024 6:07 PM	Microsoft Excel Work...	59 KB
13. Inspection plan- (20 in 8012 for 03 Part 15)	✓	2/29/2024 11:31 AM	Microsoft Excel Work...	81 KB
14. Inspection plan- (20 in 8012 for 03 Part 16)	✓	2/29/2024 12:07 PM	Microsoft Excel Work...	77 KB

File name:

9. дээр дарж Upload хийх “File”-ийг оруулна. “File”-аа сонгож “Open” дээр дарна.

QM Data in Routing Upload

Download Template

Upload Template

File Path

C:\Users\ERP-08\OneDrive - Gobi cashmere\Desktop\Inspection plan Upload

10. Execute буюу дээр дарна.

File-ийн нэр бүтэн орж ирсэн эсэхийг шалгана /Олон folder-ийн цаанаас татаж бол нэр нь багтахгүй байх магадлалтай/. Бүтэн орж ирээгүй бол “File empty” гэсэн алдаа заана. Энэ тохиолдолд Upload хийх file aa desktop дээр юм уу олон folder дамжихгүй татах газарт file-ийг байршуулна.

QM Data in Routing Upload							
Status	Message Key for Task List Group Group Counter Material	Plant	Routing Description(Char40)	Identifier for Inspection Point	Field Co	Partial Lot Assignment in an Inspection Operation/Activity Number	Operation
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9001 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9001 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9001 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9002 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9002 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9002 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9003 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9003 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9003 QM01

11. Upload хийсний дараа “Execute” буюу дээр дарна.

QM Data in Routing Upload							
Status	Message Key for Task List Group Group Counter Material	Plant	Routing Description(Char40)	Identifier for Inspection Point	Field Co	Partial Lot Assignment in an Inspection Operation/Activity Number	Operation
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9001 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9001 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9001 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9002 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9002 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9002 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9003 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9003 QM01
Success	50004736	1	YK260200G109550000-000	8012 IPQC	Z01	0	9003 QM01

12. Upload хийсэн бүх Material-ийн Inspection plan нь бүгд “Success” message-тэй үүссэн эсэхийг шалгана.

“Fails” гэсэн улаан алдаа заах юм бол алдааны мессежийг уншиж бэлдсэн template-ээ шалгана.

Display Routing: Initial Screen

Routings Sequences Operations

Material	YK260200G1095S0000-000
Plant	8012
Sales Document	Sales Document Item
WBS Element	
Group	
Validity	
Change Number	
Key Date	2024.11.20
Revision Level	
Additional criteria for task list selection	
Plant	
Group Counter	
Task List Status	
Planner Group	
Additional data	
Profile	

13. T-code CA03-оор орон үүссэн IPQC Inspection plan-ийг шалгана.

- “CA03” Ткодоор орно.
- Plant: 8011, 8012, 8014 г.м
- Material: Материал дугаар буюу SKU кодыг оруулна. “Enter” дарна.

Routing Edit Goto Details Extras Environment System Help

A CA03

Display Routing: Initial Screen

Routings Sequences Operations

Material	YK260200D0221S0000-000
Plant	8012
Sales Document	Sales Document Item
WBS Element	
Group	
Validity	
Change Number	
Key Date	2025.04.21
Revision Level	
Additional criteria for task list selection	
Plant	
Group Counter	
Task List Status	
Planner Group	

Display Routing: Operation Overview

Group: 50004736 | Material: YK260200G1095S0000-000 | Sequence: 0

Oper... SOP	Work Center	Plant	Cont...	Standard T...	Description	Lo...	PRT	Cla...	Ob...	Per...	Cu...	Su...	Base Quantity	Un...	Labor cost	Unit	Activity
0010	8012006	8012	ZP01		Carding machine								93	KG	540	MIN	AT01
0020	8012006	8012	ZP01		Bigagli spinning								93	KG	540	MIN	AT01
0030	8012006	8012	ZP01		Winding								93	KG	240	MIN	AT01
0040	8012006	8012	ZP01		Double winding								93	KG	240	MIN	AT01
0050	8012006	8012	ZP01		Twisting								93	KG	540	MIN	AT01
9001		8012	QM01		Combing operation								1	KG			
9002		8012	QM01		Roving Count								1	KG			
9003		8012	QM01		Single yarn inspection								1	KG			

Entry: [1] of 8

14. Тухайн Routing дээр орж ирсэн Inspection plan-ний мэдээллийг шалгана.

Operation activity буюу хяналтын бүлгийг сонгож “Inspection characteristic” дээр дарна.

Display Routing: Characteristic Overview

Group: 50004736 | Material: YK260200G1095S0000-000 | Activity: 9001 | Combing operation

Char...	Preset In...	Qn	Ql	Master Ins...	Plant	Version	R...	Short Text Charc	Lon...	Tole...	Method	Insp...	Version	Sampling P...	Sa...	Base Sa...	SPC Criterion	Mo...	Test
1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>		12030009	8001	1		12030009 / Cash Nm 14.5			12030001	8001	1	G2SP_001	KG	1.00			
2.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>		12030027	8001	1		12030027 / Roving count CV			12030001	8001	1	G2SP_001	KG	1.00			
3.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>		12030028	8001	1		12030028 / Roving dynamic CV			12030001	8001	1	G2SP_001	KG	1.00			

Entry: [1] of 3

Тухайн хяналтын бүлэг дэх чанарын үзүүлэлтүүд болон шалгалтын хэмжээг бүрэн орж ирсэн эсэхийг шалгана.

Display Routing: Operation Overview

Work center Allocation Detail Sequences PRT Inspection Characteristics

Group	50004736	Group Counter	1	IPQC
Material	YK260200G1095S0000-000	2/26 Yarn, , 100% Cashmere		
Sequence	0	Sequence Desc.		

Operation Overview

Oper...	SOop	Work Center	Plant	Cont...	Standard T...	Description	Lo...
0010		8012006	8012	ZP01		Carding machine	<input type="checkbox"/>
0020		8012006	8012	ZP01		Bigagli spinning	<input type="checkbox"/>
0030		8012006	8012	ZP01		Winding	<input type="checkbox"/>
0040		8012006	8012	ZP01		Double winding	<input type="checkbox"/>
0050		8012006	8012	ZP01		Twisting	<input type="checkbox"/>
9001			8012	QM01		Combing operation	<input type="checkbox"/>
9002			8012	QM01		Roving Count	<input type="checkbox"/>
9003			12	QM01		Single yarn inspection	<input type="checkbox"/>

15. "Head" дээр дарж тохиргоо нь зөв орж ирсэн эсэхийг шалгана.

Display Routing: Header Details

Routings Assignment Sequences Operations Allocation

Material	YK260200G1095S0000-000	2/26 Yarn, , 100% Cashmere
Task List		
Group	50004736	IPQC
Group Counter	1	<input checked="" type="checkbox"/> Long Text Exists
Plant	8012	<input type="checkbox"/>

Production line

Line Hierarchy	
----------------	--

General Data

Deletion Flag	<input type="checkbox"/>		
Usage	1 Production		
Overall Status	4 Released (General)		
Planner Group			
Planning Work Center			
CAPP order			
Lot Size From	0	Lot Size To	999,999,999
Old Task List No.			

Parameters for Dynamic Modification/Inspection Points

Insp. Points	Z01 GOBI insp. point
Partial Lot Assign.	0 Partial lots not supported
Sample-Drawing Proc.	

Head хэсгээс дараах мэдээллүүдийг зөв тохируулагдсан эсэхийг шалгана.

Display Routing: Operation Overview

Group: 50004736 Group Counter: 1 IPQC
Material: YK260200G109580000-000 2/26 Yarn, , 100% Cashmere
Sequence: 0 Sequence Desc.

Op... Sop	Work Center	Plant	Con...	Standard ...	Description	Lo...	PRT	Cl...	O...	Pe...	Cu...	Su...	Base Quantity	U...	Labor cost	Unit	Activity
0010	8012006	8012	ZP01		Carding machine								93	KG	540	MIN	ATO1
0020	8012006	8012	ZP01		Bigagli spinning								93	KG	540	MIN	ATO1
0030	8012006	8012	ZP01		Winding								93	KG	240	MIN	ATO1
0040	8012006	8012	ZP01		Double winding								93	KG	240	MIN	ATO1
0050	8012006	8012	ZP01		Twisting								93	KG	540	MIN	ATO1
9001		8012	QM01		Combing operation								1	KG			
9002		8012	QM01		Combing operation								1	KG			
9003		8012	QM01		Combing operation								1	KG			

Entry [1] of 8

“QM01” гэсэн control key дээр “double click” хийж орно.

Display Routing: Operation Details

Supplier: Planned Deliv. Time: 0 Days Price unit: 0 Net Price: 0.00 Cost Element: Currency:

Quality Management: General
Recording View: Single Values and Summarized Results (Default View)

Quality Management: Inspection Points
Insp.pointCompletion: 2 Valution (highlighted with a red box)
 No ref. maintained
 Time-related
 Qty-related
 No Reference
 Last Part.Lot Assgmt
TFac.: 0.00 Quan. pt. lot:
Quantity Interval: 0.000

User-Specific Fields: Field key:

SAP ME Operation Data: Production Site:

Operation Details хэсгийн тохирулга дээрх байдлаар зөв тохируулагдсан эсэхийг шалгана.

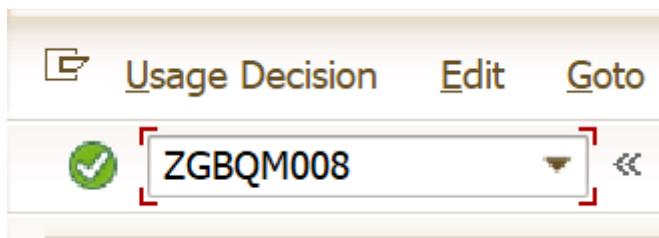
“Quality management: Inspection points” хэсэг дээр:

Insp.pointCompletion: “2 Valution” болон “No Reference” гэсэн сонголтууд сонгогдсон эсэхийг шалгана.

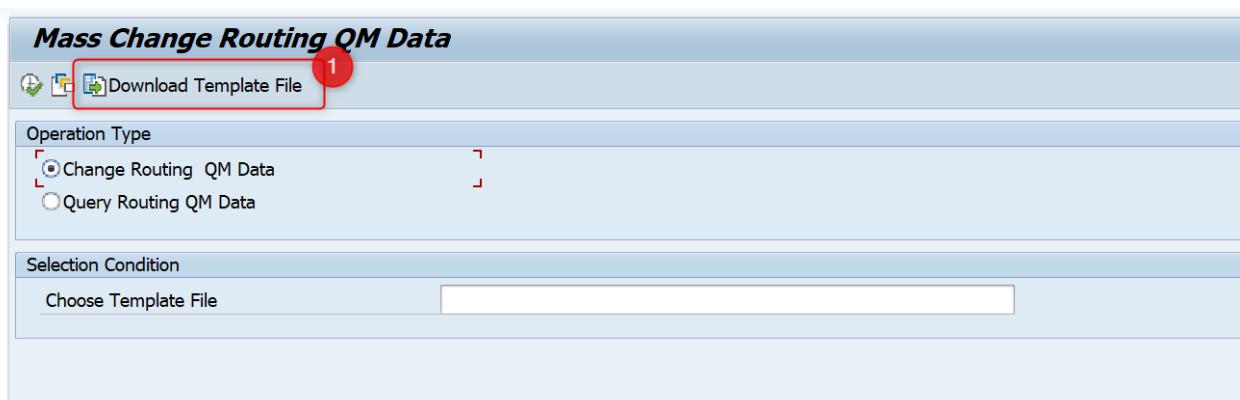
16. Template бөглөх тайлбар: [IPQC Inspection plan- \(20 in 8012 for 03 Part 14\) UM \(M.type in Plant for Q.type Part №\).xlsx](#)

3 IPQC Inspection plan-ийг олноор нь өөрчлөх болон устгах

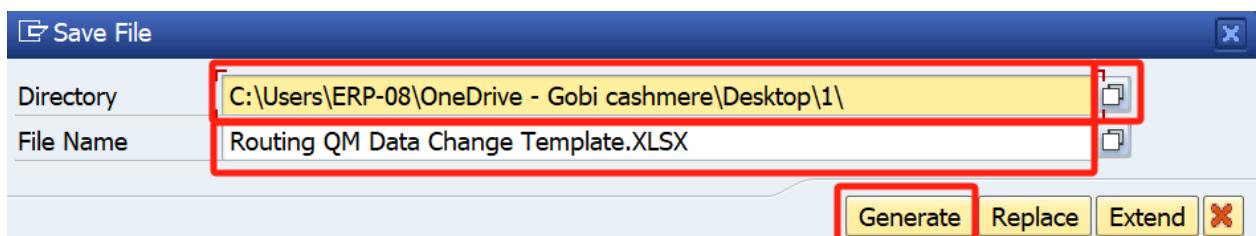
3.1 Inspection plan-ийг олноор нь өөрчлөх болон устгах



“ZGBQM008” Т-кодоор нэвтэрнэ.



1. “Download template file” дээр дарж template-ийг татаж авна.

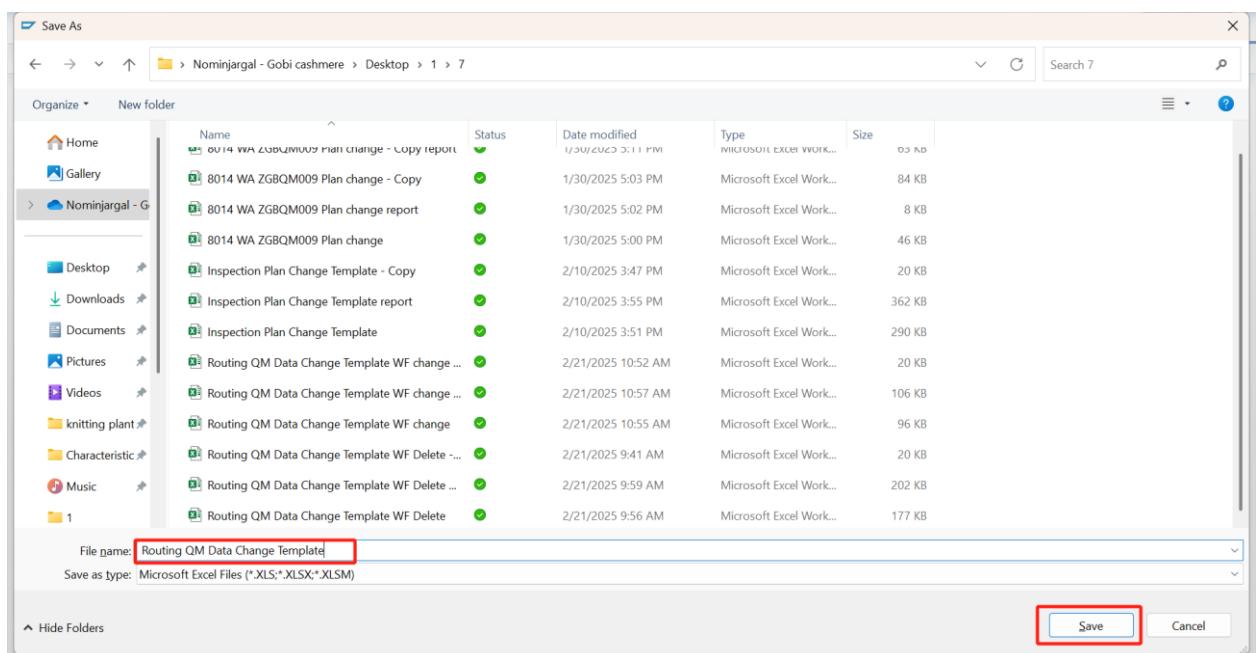


2. Directory хэсэг дээр file-ийг хадгалах газрыг оруулна.

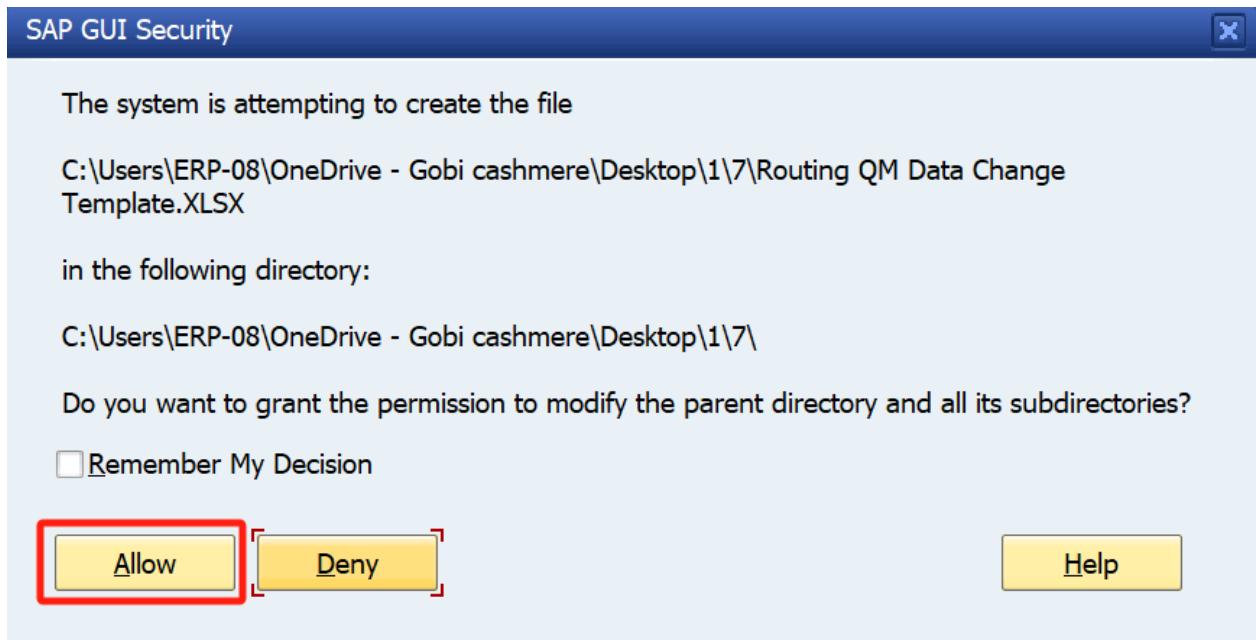
3. File name хэсэг дээр file-ийн нэрийг оруулж өгнө.

4. Generate дээр дарна.

5. Directory хэсэг дээр орсон байгаа хадгалах газраас өөр газар хадгалах бол дээр дарна.



6. Дээр дарж хадгалах газар болон нэрийн оруулна. “Save” хийнэ.



7. Generate дээр дарсны дараа “SAP GUI Security” гэсэн цонх гарч ирнэ. “Allow” гэсэн сонголтыг сонгоно.

Download 19 KB C:\Users\ERP-08\OneDrive - Gobi cashmere\Desktop\1\7\Routing QM Data Change Template.XLSX

8. Allow дарсны дараа дээрх message гарч ирнэ.

Татаж авсан excel template нь:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
<small>1 Remark: The file can contain routing data for one plant.</small>														
2 TASK_LIST_GROUP	GROUP_COUNTER	MATERIAL	PLANT	DESCRIPTION	IDENT_KEY	IMPLEMENT_PartialLot_AS_SGMBIT	ACTIVITY	DESCRIPTION	PLANT_CHAR	CHARC_NO	PLANT_CHAR	SIMPL_PROCEDURE	MIC_INDICATOR	OPER_INDICATOR
3	Group Counter	Material Number	Plant	Routing Description	DescriptionChar	Partial Lot Management is an Inspection During Production	Operation/Activity Number	Control Level	Operation Activity Description	Inspection Characteristic Sequence No.	Master Inspection Characteristic MIC	Sampling Procedure in Inspecting Characteristic	MIC Delition Indicator	Oper Delition Indicator
4	50004736	1	YK2610010950000-000	0012	IPOC	200	0	000	QH01	Combining operation	X	1203000#	QHSP_002	X
5														

Mass Change Routing QM Data

Download Template File

Operation Type

- Change Routing QM Data
 Query Routing QM Data

Selection Condition

Choose Template File

9. Change Routing QM Data гэсэн сонголтыг сонгож өөрчлөлт оруулах file-ийг upload хийж оруулна.

Query Routing QM Data гэсэн сонголтыг сонгож үүссэн байгаа routing дээр оруулсан Inspection plan-уудыг харна.

Program Edit Goto System Help

C Download Template File

Operation Type

Change Routing QM Data
 Query Routing QM Data 10

Selection Condition

Plant: 8012 A

Material: YK480200E7110S000... to B

10. Routing дээр оруулсан Inspection plan-уудыг харах.

- Plant: 8011, 8012, 8014 г.м routing үүссэн үйлдвэрийн кодыг оруулна.
- Material: Материал дугаар буюу SKU кодыг оруулна.
- Execute буюу дээр дарна.

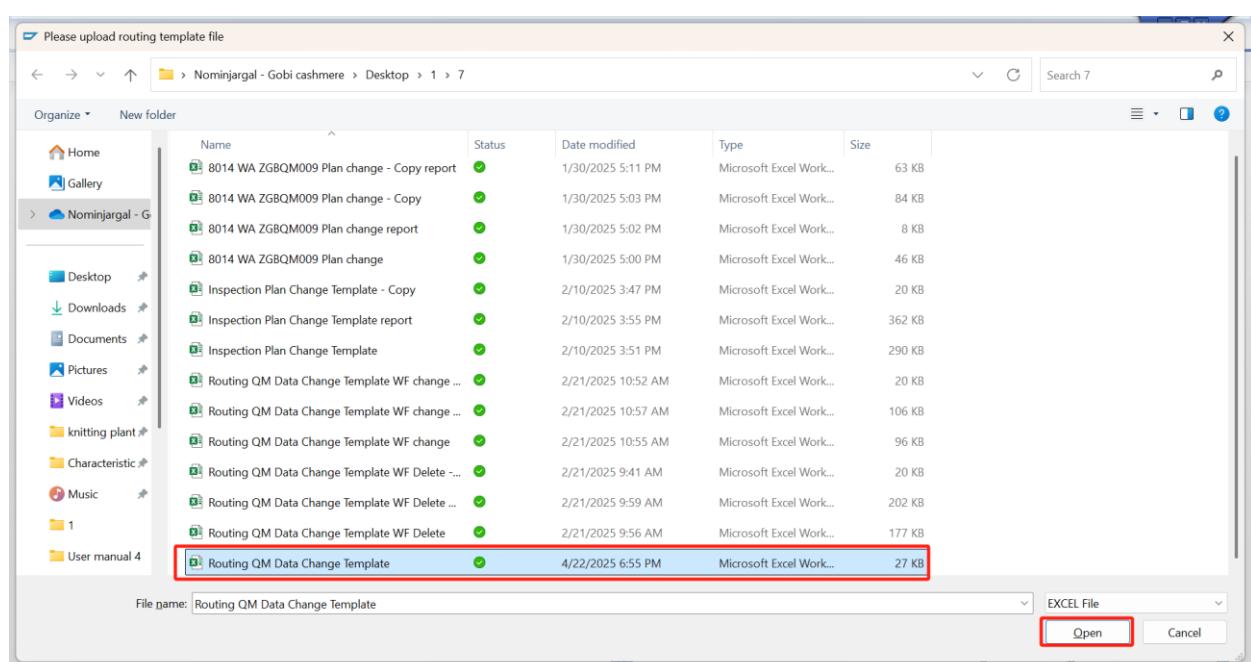
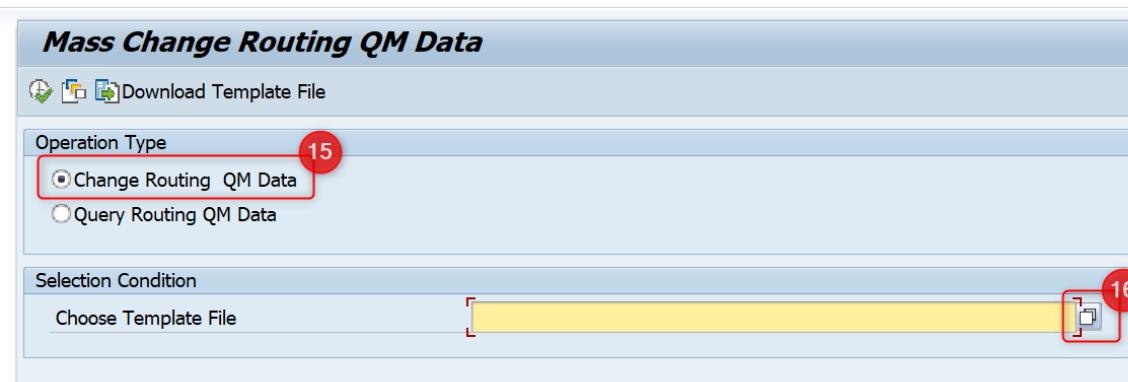
Mass Changing Routing QM Data													
Group	GrpCounter	Material	Plant Descr.	FieldComb.	PL assign.	Activity	Ctrl Key	Operation Short Text	Charc No.	Master IC Procedure	MIC Delete	OperDelete	
50000166 1		YK260200G005750000-240 8012	Z01	0	9001	QMO1	Quality inspection for WS1	90 11020067 G1SP_001					
50000166 1		YK260200G005750000-240 8012	Z01	0	9001	QMO1	Quality inspection for WS1	100 11020007 G1SP_001					
50000166 1		YK260200G005750000-240 8012	Z01	0	9001	QMO1	Quality inspection for WS1	110 11020008 G1SP_001					
50000166 1		YK260200G005750000-240 8012	Z01	0	9001	QMO1	Quality inspection for WS1	120 11020023 G1SP_001					
50000166 1		YK260200G005750000-240 8012	Z01	0	9001	QMO1	Quality inspection for WS1	130 11020024 G1SP_001					
50000166 1		YK260200G005750000-240 8012	Z01	0	9001	QMO1	Quality inspection for WS1	140 11020036 G1SP_001					
50000166 1		YK260200G005750000-240 8012	Z01	0	9001	QMO1	Quality inspection for WS1	150 11020044 G1SP_001					
50000166 1		YK260200G005750000-240 8012	Z01	0	9001	QMO1	Quality inspection for WS1	160 11020052 G1SP_001					
50000166 1		YK260200G005750000-240 8012	Z01	0	9001	QMO1	Quality inspection for WS1	170 11020060 G1SP_001					
50000166 1		YK260200G005750000-240 8012	Z01	0	9001	QMO1	Quality inspection for WS1	180 11020068 G1SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	10 12030002 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	20 12030027 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	30 15001073 G4SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	40 12030029 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	50 12030030 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	60 12030031 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	70 12030032 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	80 12030033 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	90 12030034 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	100 12030035 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	110 12030036 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	120 12030037 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	130 12030038 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	140 12030039 G2SP_001					
50000543 1		YK260200C002S0000-000 8012 IPQC	Z01	0	9001	QMO1	Combing operation	160 12030041 G2SP_001					

11. Тухайн материалууд дээр тохируулагдсан Inspection plan доторх дата мэдээлэл харагдана. Group баганаас Procedure багана хүртэлх дата-г хуулж өөрчлөлт оруулах file дээр хуулж тавина.

A	B	C	D	E	F	G	H	I	J	K	L	M	N
<i>Remark: The file can contain routing data for one plant</i>													
TASK_LIST_GROUP	GROUP	PROC_CODE	MATERIAL	PLANT	DESCRIPTION	IDENT_KEY	INSPECTOR	PARTIAL_ALLOT_AS	SUMMIT	ACTIVITY	DESCRIPTION	MSTR_CHAR	CHARC_NO
5000066	1	VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	10 12030006 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	20 12030007 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	30 12030008 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	40 12030009 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	50 12030010 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	60 12030011 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	70 12030012 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	80 12030013 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	90 12030014 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	100 12030015 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	110 12030016 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	120 12030017 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	130 12030018 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	140 12030019 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	150 12030020 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	160 12030021 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	170 12030022 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	180 12030023 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	190 12030024 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	200 12030025 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	210 12030026 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	220 12030027 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	230 12030028 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	240 12030029 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	250 12030030 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	260 12030031 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	270 12030032 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	280 12030033 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	290 12030034 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	300 12030035 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	310 12030036 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	320 12030037 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	330 12030038 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	340 12030039 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	350 12030040 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	360 12030041 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	370 12030042 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	380 12030043 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	390 12030044 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	400 12030045 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	410 12030046 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	420 12030047 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	430 12030048 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	440 12030049 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1	450 12030050 G1SP_001			
5000066		VK2610200G005750000-240	8012	Z01	-	-	9001	QMO1	Quality inspection for WS1				

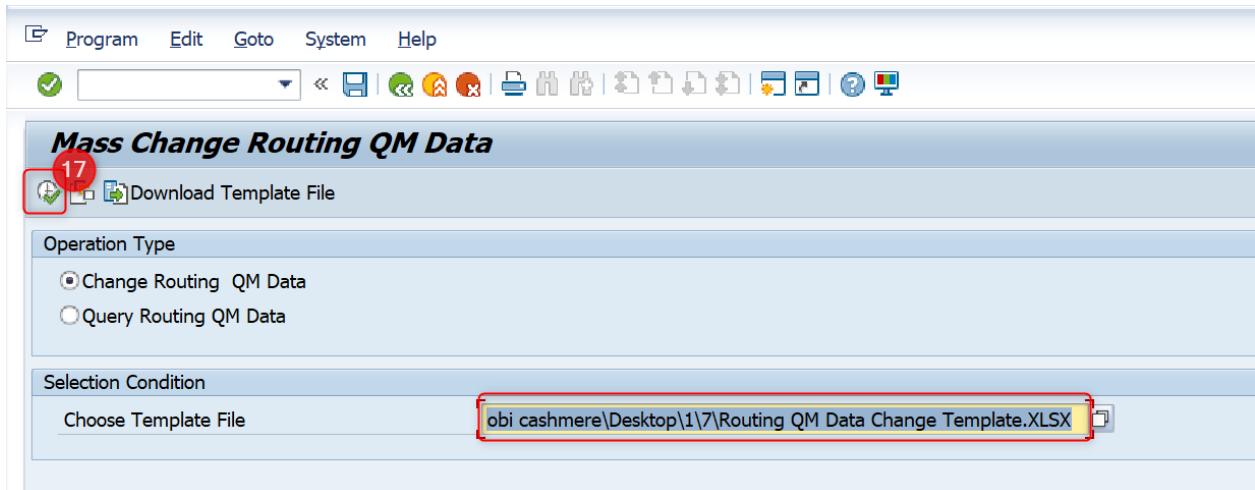
DESCRIPTION	IDENT_KEY	INSPOINT	PARTALLOT_ASS	ACTIVITY	DESCRIPTION	MSTR_CHAR	CHARC_NO	PMSTR_CHAR	SMPL_PROCEDURE	MIC_INDICATOR	OPER_INDICATOR
Routing Description/Chart	Identifier for Inspections Point Field	Partial Lot Assignment in an Inspections During Production	Operation Activity Number	Control Key(Chart)	Operation Activity Description	Inspection Characteristic Sequence No	Master Inspection Characteristic M		Sampling Procedure in Inspection Characteristic	MIC Deletion Indicator	Oper Deletion Indicator
	IPQC	201	0	9001	Combing operation	10	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	20	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	30	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	40	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	50	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	60	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	70	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	80	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	90	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	100	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	110	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	120	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	130	1000000(G2SP..001)			X	
	IPQC	201	0	9001	Combing operation	140	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	150	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	160	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	170	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	180	1000000(G2SP..001)				
	IPQC	201	0	9001	Combing operation	190	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	10	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	20	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	30	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	40	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	50	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	60	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	70	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	80	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	90	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	100	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	110	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	120	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	130	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	140	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	150	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	160	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	170	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	180	1000000(G2SP..001)				
	IPQC	201	0	9002	Single yarn inspection	190	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	10	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	20	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	30	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	40	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	50	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	60	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	70	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	80	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	90	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	100	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	110	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	120	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	130	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	140	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	150	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	160	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	170	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	180	1000000(G2SP..001)				
	IPQC	201	0	9003	Single yarn inspection	190	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	10	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	20	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	30	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	40	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	50	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	60	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	70	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	80	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	90	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	100	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	110	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	120	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	130	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	140	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	150	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	160	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	170	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	180	1000000(G2SP..001)				
	IPQC	201	0	9004	Plan change	190	1000000(G2SP..001)				

13. Тухайн чанарын үзүүлэлтийг устгах бол устгах үзүүлэлтийн харалдаа “MIC Deletion Indicator” гэсэн багана дээр “X” тэмдэг тавина. Шалгах дамжлагаар нь устгах бол устгах дамжлагын бүх үзүүлэлтийн харалдаа “Oper Deletion Indicator” гэсэн багана дээр “X” тэмдэг тавина.
14. Оруулсан мэдээллээ шалгасны дараа “Save” хийж хадгална.



15. Operation type хэсэг дээр “Change Routing QM Data” гэсэн сонголтыг сонгоно.

16. дээр дарж Upload хийх “File”-ийг оруулна. “File”-аа сонгож “Open” дээр дарна.



17. Execute буюу дээр дарна.

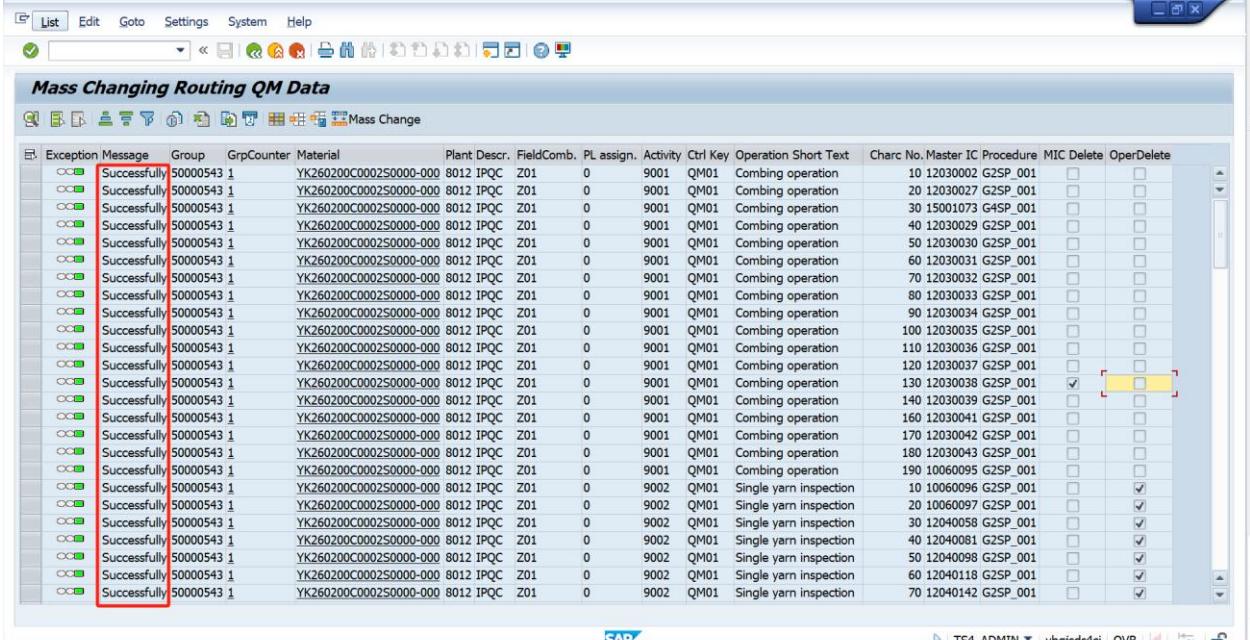
File-ийн нэр бүтэн орж ирсэн эсэхийг шалгана /Олон folder-ийн цаанаас татаж бол нэр нь багтахгүй байх магадлалтай/. Бүтэн орж ирээгүй бол “File empty” гэсэн алдаа заана. Энэ тохиолдолд Upload хийх file aa desktop дээр юм уу олон folder дамжихгүй татах газарт file-ийг байршуулна.

Exception Message	Group	GrpCounter	Material	Plant Descr.	FieldComb.	PL assign.	Activity	Ctrl Key	Operation Short Text	Chars No, Master IC Procedure	MIC Delete	OperDelete
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	10 1203002 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	20 12030027 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	30 15001073 G4SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	40 12030029 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	50 12030030 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	60 12030031 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	70 12030032 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	80 12030033 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	90 12030034 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	100 12030035 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	110 12030036 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	120 12030037 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	130 12030038 G2SP..001		<input checked="" type="checkbox"/>
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	140 12030039 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	160 12030041 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	170 12030042 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	180 12030043 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	190 10060095 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	10 10060096 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	20 10060097 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	30 12040058 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	40 12040081 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	50 12040098 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	60 12040118 G2SP..001		
50000543 1			YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	70 12040142 G2SP..001		

18. дээр дарж бүгдийн идэвхжүүлнэ.

19. MIC, Operation deletion indicator багана дээр “X” тэмдэг тавьж устгана гэж тэмдэглэсэн хэсэг дээр тэмдэглэгээтэй орж ирнэ.

20. "Mass Change"  дээр дарна.

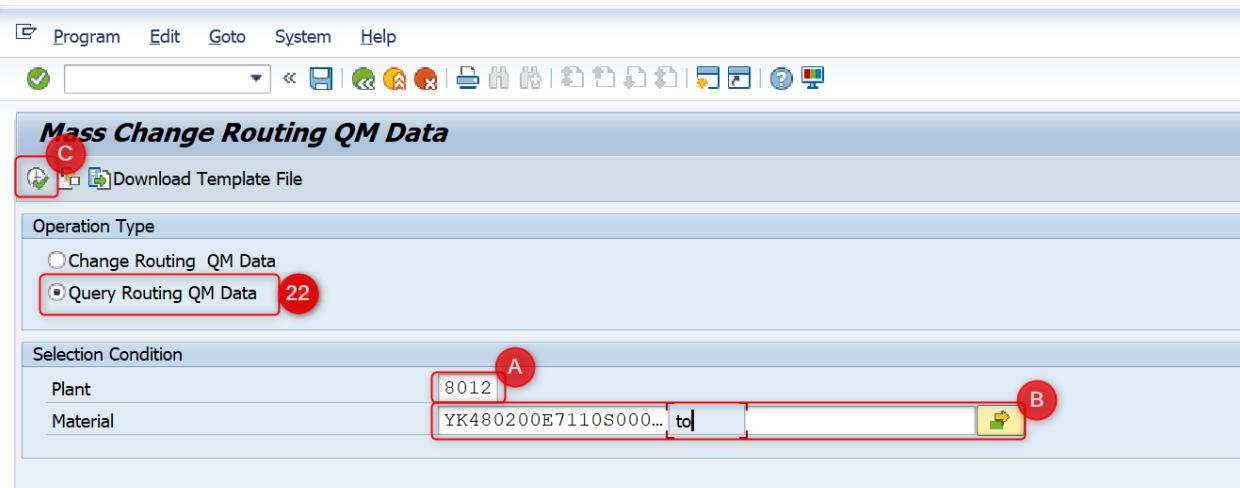


The screenshot shows a SAP interface titled "Mass Changing Routing QM Data". The main area displays a grid of data with the following columns:

Exception Message	Group	GrpCounter	Material	Plant Descr.	FieldComb.	PL assign.	Activity	Ctrl Key	Operation Short Text	Charc No.	Master IC	Procedure	MIC	Delete	OperDelete
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	10	12030002	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	20	12030027	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	30	15001073	G45P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	40	12030029	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	50	12030030	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	60	12030031	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	70	12030032	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	80	12030033	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	90	12030034	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	100	12030035	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	110	12030036	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	120	12030037	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	130	12030038	G25P_001	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	140	12030039	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	160	12030041	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	170	12030042	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	180	12030043	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	190	10060095	G25P_001	<input type="checkbox"/>	<input type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	10	10060096	G25P_001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	20	10060097	G25P_001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	30	12040058	G25P_001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	40	12040081	G25P_001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	50	12040098	G25P_001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	60	12040118	G25P_001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Successfully	50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	70	12040142	G25P_001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

21. Upload хийсэн бүх дата нь бүгд "Success" message-тэй үүссэн эсэхийг шалгана.

"Fails" гэсэн улаан алдаа заах юм бол алдааны мессежийг уншиж бэлдсэн template-ээ шалгана.



The screenshot shows the "Mass Change Routing QM Data" screen with the following configuration:

- Operation Type:** "Query Routing QM Data" (radio button C)
- Selection Condition:**
 - Plant: 8012 (highlighted with A)
 - Material: YK480200E7110S000... (highlighted with B)

22. Routing дээр өөрчлөлт оруулсан Inspection plan-уудыг шалгана. Мөн "CA03" T-code-ийг ашиглан нэг, нэгээр нь шалгах боломжтой.

- Plant: 8011, 8012, 8014 г.м routing үүссэн үйлдвэрийн кодыг оруулна.
- Material: Материал дугаар буюу SKU кодыг оруулна.
- Execute буюу  дээр дарна.

Mass Changing Routing QM Data												
Group	GrpCounter	Material	Plant Descr.	FieldComb.	PL assign.	Activity	Ctrl Key	Operation Short Text	Charc No.	Master IC Procedure	MIC Delete	OperDelete
50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9003	QM01	Double yarn inspection	70	12040360 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9003	QM01	Double yarn inspection	80	12040380 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9003	QM01	Double yarn inspection	90	12040430 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9003	QM01	Double yarn inspection	100	10060095 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9003	QM01	Double yarn inspection	110	10060096 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000543	1	YK260200C000250000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	10	10060097 G4SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	20	12030027 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	30	10060095 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	40	10060096 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	50	10060097 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	60	12030031 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	70	12030032 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	80	12030033 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	90	12030034 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	100	12030035 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	110	12030036 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	130	12030038 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	140	12030039 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	150	12030040 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	160	12030041 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	170	12030042 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	180	12030043 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9001	QM01	Combing operation	190	10060095 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	10	10060096 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>
50000545	1	YK260200C005750000-000	8012 IPQC	Z01	0	9002	QM01	Single yarn inspection	20	10060097 G2SP_001	<input type="checkbox"/>	<input type="checkbox"/>

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