

# MOLD & TOOLING REQUISITION SHEET

Document No. PSP-16-1013  
 Issued Date 5-Oct-16  
 Expected Date  
 Cost Center 6510

Request for: 発行目的

- ☒ New item ☐ Add mold & Tooling (Punching Jig, Die set, etc.) ☐ Spare mold / Cavity ☐ Remedy mold ☐ Transfer out ☐ Scrap ONLY (Mold / Tooling)  
☐ Design change ☐ Scrap & Renew Mod / Tooling

Request to: 依頼先

☒ NOK: Kumamoto plant ☐ NAC:                      ☐ TNC:                      ☐ その他:                     

Request details: 依頼内容

Item code: PIN HZ230671-0030-1

Mold code:                     

Mold No. / Set No. / Cav. No.:

mold no 1, 2 / 12 cav. / set

Mold type:

2RT (E-400)

Retainer plate type:

2RT380

Machine type:

KV 150 / 900 Ton.

Other concern tooling:                     

Trimming method:

☐ Punching Jig ☐ Flash Separator ☒ F2 Flash Separator ☐ Manual ☐ Ceramic / R-Bite ☐ Other / その他

Attachment:

☐ NG Sample ☐ Final Inspection Record (5 slot min.) ☐ ECR customer approve ☐ Mold status layout (在庫管理用表と Cavity)

☐ Product Sheet (2 shot min.) + Punching Inspection result ☒ Other HP, Customer drawing, Mold drawing.

Comments if any

コメント

ISSUED

CHECKED

APPROVE

DEPT.MGR

New item for FNST / HAMADEN MEXICO

発行日

5/10/16

検査

5/10/16

承認

5/10/16

部長

5/10/16

Mold status and history: 型状況及び履歴

Mold received date:

Total mold:

Mold drawing No.:

Description of remedy: 修理内容

Mold Dimension (mm):

Packaging dimension (In case of self packing) (mm):

インボイスNo.

TNC Available:

Not change

Change from

Under Remedy:

Self packing

Supplier packing

Gross weight (kg):

Sketch 概略

new item.

COUNTERMEASURE

Order to NOK/Tool&Die for

Already update data

Date: 5-Oct-2016

By Mold control

PROBLEM

DENT

DEFORMATION

BROKEN

PART WEAR

CHROME WEAR

RUSTY

DIMENSION

OTHER.....

PART

REMEDY ACTION

RENEW

REPAIR

CHROME

ISSUED

発行日

5/10/16

CHECKED

検査

5/10/16

APPROVED

承認

5/10/16

Affected product code (Specify of 11 digits):

Rubber material: T667

Size:                     

Order/Month: 100 K

Need mold: 1

Set/Cav:                     

Comments if any

Cap; 30A x 12 x 0.95 = 3465 / Day

= 72,770 / Month

Comments if any

APPROVED

承認

5/10/16

1) Make new mold / Tooling (廃却新造)

☐ Current design ☐ New design

Code no.: PIN HZ230671-0030-1

Mold / Punch & Jig make new no. (新造) = 1, 2 Q'ty 2 set

\*Spare cavity No. (予備駒) =                      Q'ty                      Cav.

2) Scrap Mold / Punch & Jig no. (廃却型) =                      Q'ty                      set/cav.

3) Make new Retainer Plate (新規盤板製作) code: =                      Q'ty 2 set

4) Make or Remedy by ☐ In house ☒ NOK

Comments if any

New item for FNST / HAMADEN MEXICO

5/10/16

投資委員会 (BOI) に申請する

☐ BOI

投資委員会 (BOI) に申請しない

☐ Non BOI

Comments if any

APPROVED

承認

APPROVED

承認

Document Flow : Issuer => Mold control => PP. => Engineering => Planing => Purchase

FM-ME-0011-01, EFF.DATE 31-OCT-13, P. 1/1

THAI NOK CO.,LTD.



材料仕部 T667:準拠 DDS8032-163

[illegible]

SPECIFICATION MATERIAL

TITLE	METHOD	SIMILARITY
NORMAL CHARACTER	20°C JIS K 6807 JIS K 6259 JIS K 6251	SPECIFIC GRAVITY 1.26 ± 0.03 TYPE A DIAPHRAGM 60 ± 5 TENSILE STRENGTH WITH 6.00MPa MIN. 100%
DEFORMATION BY HEAT AND AIR PRESSURE	150°C/2Hr JIS K 6267	STRETCH REDUCTION OF AREA 5 TO +10
EFFECT OF LIQUIDS ON OIL OR FUEL OILS FOR 20 SECONDS	IN OIL OF TEMPERATURE 150°C/2Hr JIS K 6259	VARIATION RATE OF TENSILE STRENGTH OF STRIP -20 TO +100%
EFFECT OF LIQUIDS ON WATER	IN OIL OF TEMPERATURE 150°C/2Hr JIS K 6259	VARIATION RATE OF HARDNESS 15 TO 0
CORROSION TEST	150°C/2Hr JIS K 6265	VARIATION RATE OF VOLUME -40 TO +40%
REACTION AT LOWER TEMPERATURE	JIS K 6261	VARIATION RATE OF VOLUME 6 TO -5%
		CORROSION RATE 0 TO 100%
		WAX, 10C

TOP SECRET



UNCONTROLLED

1 THIS DOCUMENT IS NOT CONTROLLED

2. WHEN PREVIOUS COPY UPDATE OR CHANGES NOT BE EXCHANGED

3. PLEASE SHRED AFTER USED

ISSUE DATE 05 OCT 2016

THAI NOK CO., LTD

ENGINEERING DEPARTMENT

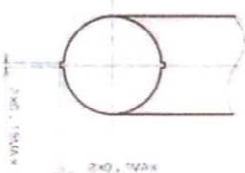
T669 = 準現 DDS8032-163

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### SPECIFICATION PRODUCT

ITEM	METHOD	STANDARD
NORMAL COMPACTOR	20T JIS K 8607 JIS K 6753	EFFECTIVE GRAVITY 1.20 ± 0.03 40 ± 8
EFFECT OF LUBRICANTS ON JARTEST DATA	IN OIL OR LEFT TO OXIDISE CORRECTION JIS K 6762	CORRECTION SET 0 TO 200
IN OIL OR LEFT TO OXIDISE	IN OIL OR LEFT TO OXIDISE JIS K 6750	VARIATION OF HARDNESS 15 TO 0
150C/20S COMPRESSION RATIO 25%	150C/20S COMPRESSION RATIO 25%	VARIATION OF VOLUME 0 TO +20%
COMPRESSION SET	150C/20S COMPRESSION RATIO 25%	COMPRESSION SET 0 TO 300

本型手配図

 $\Delta \in \{0, 1\}$ 

7667

1. 株式会社 NKK (株主 40%) (〒106-8555 東京都港区赤坂 1-10-10)  
2. 株式会社 NKK の子会社 NKKC (〒106-8555 東京都港区赤坂 1-10-10)  
3. 株式会社 NKK の子会社 NKKC (〒115-8507 東京都荒川区西日暮里 4-15-7)  
4. 株式会社 NKK の子会社 NKKC (〒106-8555 東京都港区赤坂 1-10-10)  
5. 株式会社 NKK の子会社 NKKC (〒106-8555 東京都港区赤坂 1-10-10)

7667  
N0115

- [illegible]

[illegible]

DENSO

品質と安全のナンバー

**CONFIDENTIAL**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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# 材料仕様

試験項目	試験条件	規格値
常態値	JIS K 8807 JIS K 6253 JIS K 6251	比重 70±5 MIN. 9.80MPa MIN. 100%
空気抵抗特性	JIS K 6257	引張強度変化率 -30~+30%
耐油性	左記油中 150℃×70h JIS K 6258	引張強度変化率 -30~+30%
圧縮永久変形	JIS K 6262	圧縮永久変形率 0~+20%
耐熱性	JIS K 6261	TR10値 MAX. -16℃

# SPECIFICATION MATERIAL

ITEM	METHOD	STANDARD
NORMAL CHARACTER	20℃ JIS K 8807 JIS K 6253 JIS K 6251	SPECIFIC GRAVITY 1.26±0.03 TYPE A DILATOMETER 70±5 TENSILE STRENGTH MIN. 9.80MPa STRETCH MIN. 100%
DETERIORATION BY HEAT AND AIR PRESSURE	150℃×70h JIS K 6257	VARIATION OF HARDNESS -5 TO +10 VARIATION RATE OF TENSILE STRENGTH -30 TO +30%
EFFECT OF LIQUIDS	IN OIL OF LEFT COLUMN 150℃×70h JIS K 6258	VARIATION RATE OF TENSILE STRENGTH -30 TO +30%
COMPRESSION SET	150℃×70h JIS K 6262	COMPRESSION RATE 0 TO 20%
RETRACTION AT LOWER TEMPERATURE	JIS K 6261	TR10 MAX. -16℃

# 製品仕様

試験項目	試験条件	規格値
常態値	JIS K 8807 JIS K 6253	比重 70±5 MIN. 9.80MPa MIN. 100%
空気抵抗特性	JIS K 6257	引張強度変化率 -30~+30%
耐油性	左記油中 150℃×70h JIS K 6258	引張強度変化率 -30~+30%
圧縮永久変形	JIS K 6262	圧縮永久変形率 0~+20%
耐熱性	JIS K 6261	TR10値 MAX. -16℃

# SPECIFICATION PRODUCT

ITEM	METHOD	STANDARD
NORMAL CHARACTER	20℃ JIS K 8807 JIS K 6253	SPECIFIC GRAVITY 1.26±0.03 IRHD 60±8
EFFECT OF LIQUIDS	IN OIL OF LEFT COLUMN 150℃×70h JIS K 6262	COMPRESSION SET 0 TO 20%
COMPRESSION SET	AIR 150℃×70h JIS K 6262	COMPRESSION SET 5 TO 30%

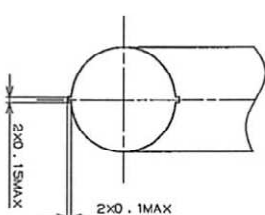
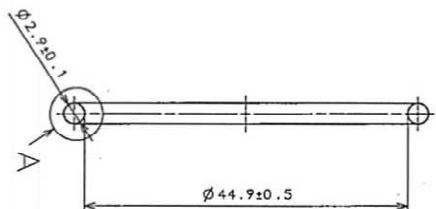
# 注記

- 材料はNOK T66702-2 (DSS8032-163)
- 試験項目は上記の表を参照のこと。(DSS8032-163)
- 試験項目は上記の表を参照のこと。(JIS Z 8807)
- 本製品の材料・製造方法等については、「製造品検査報告書」を参照のこと。

# NOTES

- MATERIAL SHALL BE USED NONCHLORINE TYPE ACRYLIC RUBBER.
- REFER TO THE ABOVE CHART FOR THE TEST ITEMS.
- IT SHALL BE COMPLIANT WITH DSS8032-163.
- THIS PART SHALL CONFORM TO THE STANDARD DSS8032-163.

SYMBOL	REVISION RECORD	ISSUE NO.	DATE	REVISION	ORIGINAL PART
	NEWLY ESTABLISHED BY NING SEAL	0001	2007.10.25	F. OBA	



A (10:1)

SYMBOL	PART NO.	QTY	CUSTOMER PART NO. OR REMARKS
	0001		

SYMBOL	PART NAME	SPECIFICATION	CAR MODEL	TYPE
	NING SEAL, SOLENOID		A25A	HV3E01

SCALE	2:1	MATERIAL	DSS8032-163	SEE NOTE 1
DATE	2007.10.25	DESIGNER		

COMPANY	NING SEAL, SOLENOID	CUSTOMER PART NO.	
DESIGNER		DATE	

COMPANY	NING SEAL, SOLENOID	CUSTOMER PART NO.	
DESIGNER		DATE	



WORK REQUISITION				WR No.	Issue date	Issued by	Approved by
Customer Name : Type Q5 <u>TS</u> ISO <u>    </u> Code : <u>    </u>				Y16-A051	28-Sep-16	Justin Lim	YY Tan
Part No. : HZ230671-0030-1		Customer App.Dwg.No. : <u>    </u>		Revision			
Part Name : RING, SEAL, SOLENOID		Project /Model name : <u>    </u>		No	Date	Description	Rev. App.
TNC Selling Price : 3.6995		Tooling Price (THB): <u>    </u>					
Product Application : VVT		<input checked="" type="checkbox"/> Exclude(Non-BOI) <input type="checkbox"/> Included(BOI)					
Item Code : <u>    </u>		Q'ty/M : 100,000	Customer SOP : Feb'17	Business Type	Plant Production		
For Oversea sales (AFF,EOEM or NOK Group) If have : NOK Asia Company Pte Ltd		Code : 1	Classification <input checked="" type="checkbox"/> New Item <input type="checkbox"/> Transfer Item <input type="checkbox"/> Current item <input type="checkbox"/> Other <u>    </u>		<input type="checkbox"/> NOK <input checked="" type="checkbox"/> TNC <input type="checkbox"/> NIN <input type="checkbox"/> VNN <input type="checkbox"/> NAB <input type="checkbox"/> Other <u>    </u>		
NAG Selling Price : 0.1131 USD		Customer Name Box Label : <input type="checkbox"/> Same as customer name in Customer master record <input type="checkbox"/> Difference for customer		Type : <u>    </u>	Size : <u>    </u>		Rubber Material : <u>    </u>
First PO. due : Dec'16		<input checked="" type="checkbox"/> Box Label Freudenberg-NOK Sealing <input type="checkbox"/> Inspection Data Freudenberg-NOK Sealing		OR	44.90 x 50.70 x 2.90		T667
Requisition							
1) Estimate Price		<input type="checkbox"/> Due date on <u>    </u>		<input type="checkbox"/> Can produce    Unit cost <u>    </u> / pc.    Tooling cost <u>    </u> THB/ <u>    </u> Set. <input type="checkbox"/> Can't produce    Reason : <u>    </u>			
2) Drawing for approval		<input type="checkbox"/> Due date on <u>    </u>		Customer Schedule			
Sample & Data Request THIS DOCUMENT HAS NOT BE EXCHANGED 3. PLEASE SHRED AFTER USED ISSUE DATE 05 OCT 2016 THAI NOK CO.,LTD ENGINEERING DEPARTMENT				Q'ty	Due	Q'ty	Due
3) Sample				Q'ty	Due	Q'ty	Due
a. Prototype (NOK)		<input type="checkbox"/>					
b. Off Tool (NOK)		<input type="checkbox"/>					
c. Off Tool (TNC)		<input checked="" type="checkbox"/>		8,000	25-MAR-16		
4) Data							
a. Tooling schedule		<input type="checkbox"/>					
b. ISIR		<input type="checkbox"/>					
( <u>    </u> Pcs/Cav., <u>    </u> Pcs regardless of No.Cav.)							
c. Full Lay-out		<input type="checkbox"/>					
( <u>    </u> Pcs/Cav., <u>    </u> Pcs regardless of No.Cav.)							
d. Material Data		<input type="checkbox"/>					
e. Cp, Cpk ( <u>    </u> pcs.)		<input type="checkbox"/>					
f. Flow chart & Control plan		<input type="checkbox"/>					
g. Inspection std.		<input type="checkbox"/>					
h. Packing std. (Attached PSIS)		<input type="checkbox"/>					
i. PPAP Level <u>    </u>		<input type="checkbox"/>					
j. Hazardous Substance Concern data (Attached SRRS)		<input type="checkbox"/>					
k. Other <u>    </u>		<input type="checkbox"/>					
Total sample ( Sample + Sample with data) each event		<u>    </u> 8,000 pcs. <u>    </u> pcs. <u>    </u> pcs. <u>    </u> pcs. <u>    </u> pcs. <u>    </u> pcs.					
Ship sample and data to		Direct sales/WH		Direct sales/WH	Direct sales/WH	Direct sales/WH	Direct sales/WH
Attach data		Mark	Selling Tool		Q'ty Est. to Sell Period (Mth/Year)		
1.Customer Drawing		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Mold <input type="checkbox"/> Die <input type="checkbox"/> Other <u>    </u>				
2.Customer Schedule		<input type="checkbox"/>					
3.Engineering Information Sheet ( EIS )		<input type="checkbox"/>	Mold&Jig Status		<input type="checkbox"/> does not start making <input type="checkbox"/> Mold will finish ~ <u>    </u>		
4.Engineering Change Notice ( ECN )		<input type="checkbox"/>	Sharing Info.		<input type="checkbox"/> Share Item with <u>    </u> <input type="checkbox"/> Share Customer with <u>    </u>		
5.Product Design Development Requisition ( PDDR )		<input type="checkbox"/>	Part change Info.		<input type="checkbox"/> Old P/N can sale ,Yes <input type="checkbox"/> Mix lot, Yes No.		
6.Other : NOK Information Sheet		<input checked="" type="checkbox"/>					
Note :		Engineering Judgement (ECN Case) :		Conclusion for production		Conclusion for Delivery	
		1. <input type="checkbox"/> Accept <input type="checkbox"/> Unaccept		Engineering section		Sales section	
		2. <input type="checkbox"/> New Item <input type="checkbox"/> Revision change		Note :		<input type="checkbox"/> After received PO <input type="checkbox"/> Wait for customer appr. <input type="checkbox"/> After Data : <u>    </u> <input type="checkbox"/> Other : * <u>    </u>	
		Sign : <u>    </u> Date: <u>    </u>		By. : <u>    </u>		By. : <u>    </u>	
				Date : <u>    </u>		Date : <u>    </u>	
Internal sign							
Planning Group	Reviewed by	Approved by	Engineering Group	Project Owner	Approved by		

For New / Transfer Item : Sales&CS -----> Planning -----> Engineering -----> (Planning,Sales,QC,QA,QS,CS,PE,Prod,Other)  
 For Current Item / Others : Sales&CS -----> Engineering -----> (Sales,QC,QA,QS,CS,PE,Prod,Other)  
 For Others : ECN New Item Judge : Sales&CS --> Engineering --> Sales&Planning --> Engineering --> (Planning,Sales,QC,QA,QS,CS,PE,Prod,Other)

\*Original WR keep on Project Owner\*  
 \* After sales issued WR pls. return WR sheet that sign approved within 2 weeks\*  
 \*\*WR-ECN case should be return after other issued with sign judgement within 1 month\*\*

FM-ENG31-0010-00, EFF. DATE 18-AUG-16, P.1/1



WORK REQUISITION				WR No.	Issue date	Issued by	Approved by				
Customer Name : Type QS <u>TS</u> ISO <u>    </u> Code. :				Y16-A051	28-Sep-16	Justin Lim	YY Tan				
FNST / HAMADEN MEXICO											
Part No. : <b>HZ230671-0040</b> <span style="border: 1px solid black; padding: 2px;">1</span>		Customer App.Dwg.No. :		<b>Revision</b>							
				No	Date	Description	Rev. App.				
Part Name : <b>RING, SEAL, SOLENOID</b>		Project /Model name :		1	6 Oct 16	Customer Part Number changed + Tooling Information	1 YY				
TNC Selling Price : <b>3.6995</b>		Tooling Price (THB): <span style="border: 1px solid black; padding: 2px;">1</span> <b>272,000</b>									
Product Application : <b>VVT</b>		<input checked="" type="checkbox"/> Exclude(Non-BOI) <input type="checkbox"/> Included(BOI)									
Item Code : *		Q'ty/M : <b>100,000</b>	Customer SOP : <b>Feb'17</b>	<b>Business Type</b> <input checked="" type="checkbox"/> AI ( O 2W , • 4W ) <input type="checkbox"/> GI		<b>Plant Production</b> <input type="checkbox"/> NOK <input checked="" type="checkbox"/> TNC <input type="checkbox"/> NIN <input type="checkbox"/> VNN <input type="checkbox"/> NAB <input type="checkbox"/> Other _____					
For Oversea sales (AFF,EOEM or NOK Group) If have : NOK Asia Company Pte Ltd				<b>Classification</b> <input checked="" type="checkbox"/> New Item <input type="checkbox"/> Transfer Item <input type="checkbox"/> Current item <input type="checkbox"/> Other _____							
NAG Selling Price : 0.1131 USD		Customer Name Box Label : <input type="checkbox"/> Same as customer name in Customer master record <input checked="" type="checkbox"/> Difference for customer <input checked="" type="checkbox"/> Box Label Freudenberg-NOK Sealing Technologies <input checked="" type="checkbox"/> Inspection Data Freudenberg-NOK Sealing		<b>Type :</b>  <b>OR</b>		<b>Size :</b> <b>44.90 x 50.70 x 2.90</b>  <b>Rubber Material :</b> <b>T667</b>					
<b>Requisition</b>											
1) Estimate Price		<input type="checkbox"/> Due date on _____ <input type="checkbox"/> Can produce <input type="checkbox"/> Can't produce Reason : _____		Unit cost ____ / pc.		Tooling cost ____ THB/ ____ Set.					
2) Drawing for approval		<input type="checkbox"/> Due date on _____									
Sample & Data Request		<b>Customer Schedule</b>									
		Q'ty	Due	Q'ty	Due	Q'ty	Due	Q'ty	Due	Q'ty	Due
3) Sample											
a. Prototype (NOK)		<input type="checkbox"/>									
b. Off Tool (NOK)		<input type="checkbox"/>									
c. Off Tool (TNC)		<input checked="" type="checkbox"/>		8,000	25-Nov-16						
4) Data											
a. Tooling schedule		<input type="checkbox"/>									
b. ISIR ( ____ Pcs/Cav., ____ Pcs regardless of No.Cav.)		<input type="checkbox"/>									
c. Full Lay-out ( ____ Pcs/Cav., ____ Pcs regardless of No.Cav.)		<input type="checkbox"/>									
d. Material Data		<input type="checkbox"/>									
e. Cp, Cpk ( ____ pcs.)		<input type="checkbox"/>									
f. Flow chart & Control plan		<input type="checkbox"/>									
g. Inspection std.		<input type="checkbox"/>									
h. Packing std. (Attached PSIS)		<input type="checkbox"/>									
i. PPAP Level _____		<input type="checkbox"/>									
j. Hazardous Substance Concern data (Attached SRRS)		<input type="checkbox"/>									
k. Other _____		<input type="checkbox"/>									
Total sample ( Sample + Sample with data) each event				8,000 pcs.		____ pcs.		____ pcs.		____ pcs.	
Ship sample and data to				Direct sales/WH		Direct sales/WH		Direct sales/WH		Direct sales/WH	
<b>Attach data</b> 1.Customer Drawing 2.Customer Schedule 3.Engineering Information Sheet ( EIS ) 4.Engineering Change Notice ( ECN ) 5.Product Design Development Requisition ( PDDR ) 6.Other : <u>NOK Information Sheet</u>		<b>Mark</b> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		<b>Selling Tool</b> <input checked="" type="checkbox"/> Mold <input type="checkbox"/> Die <input type="checkbox"/> Other _____		<b>Q'ty</b> .02 sets <span style="border: 1px solid black; padding: 2px;">1</span>		<b>Est. to Sell Period (Mth/Year)</b> _____ March 2017			
				<b>Mold&amp;Jig Status</b> <input type="checkbox"/> does not start making <input type="checkbox"/> Mold will finish ~ _____							
				<b>Sharing Info.</b> <input type="checkbox"/> Share item with _____ <input type="checkbox"/> Share Customer with _____							
				<b>Part change Info.</b> <input type="checkbox"/> Old P/N can sale ,Yes <input type="checkbox"/> Mix lot, Yes No.							
<b>Note :</b> _____ _____ _____				<b>Engineering Judgement (ECN Case)</b> 1. <input type="checkbox"/> Accept <input type="checkbox"/> Unaccept 2. <input type="checkbox"/> New Item <input type="checkbox"/> Revision change Sign : _____ Date: _____		<b>Conclusion for production</b> <b>Engineering section</b> Note : _____ By : _____ Date : _____					
				<b>Conclusion for Delivery</b> <b>Sales section</b> <input type="checkbox"/> After received PO <input type="checkbox"/> Wait for customer appr. <input type="checkbox"/> After Date : _____ <input type="checkbox"/> Other : _____ By : _____ Date : _____							
<b>Internal sign</b>											
<b>Reviewed by</b> _____ _____		<b>Approved by</b> _____ _____		<b>Project Owner</b> _____ _____		<b>Approved by</b> _____ _____					
<b>Planning Group</b> _____		<b>Engineering Group</b> _____									

For New / Transfer Item : Sales&CS -----> Planning -----> Engineering -----> (Planning,Sales,QC,QA,QS,CS,PE,Prod,Other)  
 For Current Item / Others : Sales&CS -----> Engineering -----> (Sales,QC,QA,QS,CS,PE,Prod,Other)  
 For Others : ECN New Item Judge : Sales&CS --> Engineering --> Sales&Planning --> Engineering -->(Planning,Sales,QC,QA,QS,CS,PE,Prod,Other)

\*Original WR keep on Project Owner\*  
 \* After sales issued WR pls. return WR sheet that sign approved within 2 weeks\*  
 \*\*WR-ECN case should be return after sales issued with sign Judgement within 1 month\*\*