

# Calibration & Lab Management



**The Seed Program**

File Drop Reports Help

Crop Name: Beans      # of Seeds: 50  
Variety Name: Dragon Langote      Recorder #: 15  
Seed Source: Pantheon      Year Packed: 1997

Planting Time	Before/After Frost	Weeks B/W Frost	Planting Week	Appear on Schedule
Spring Inside	<input type="radio"/> Before <input type="radio"/> After			<input type="checkbox"/> Yes
Transplant	<input type="radio"/> Before <input type="radio"/> After			<input type="checkbox"/> Yes
Spring Outside	<input checked="" type="radio"/> Before <input type="radio"/> After	3	5/11/97	<input checked="" type="checkbox"/> Yes
Fall	<input type="radio"/> Before <input type="radio"/> After			<input type="checkbox"/> Yes

Days to Germinate: 5      In Row: 2  
Days to Maturity: 55      After Thin: 4  
Planting Depth: 1      Between Rows: 8  
Plants / Sq Ft: 1

Print Notes      First      Previous      Next      Last  
Add New      Delete      Find      Help

Follow to requirement ISO system

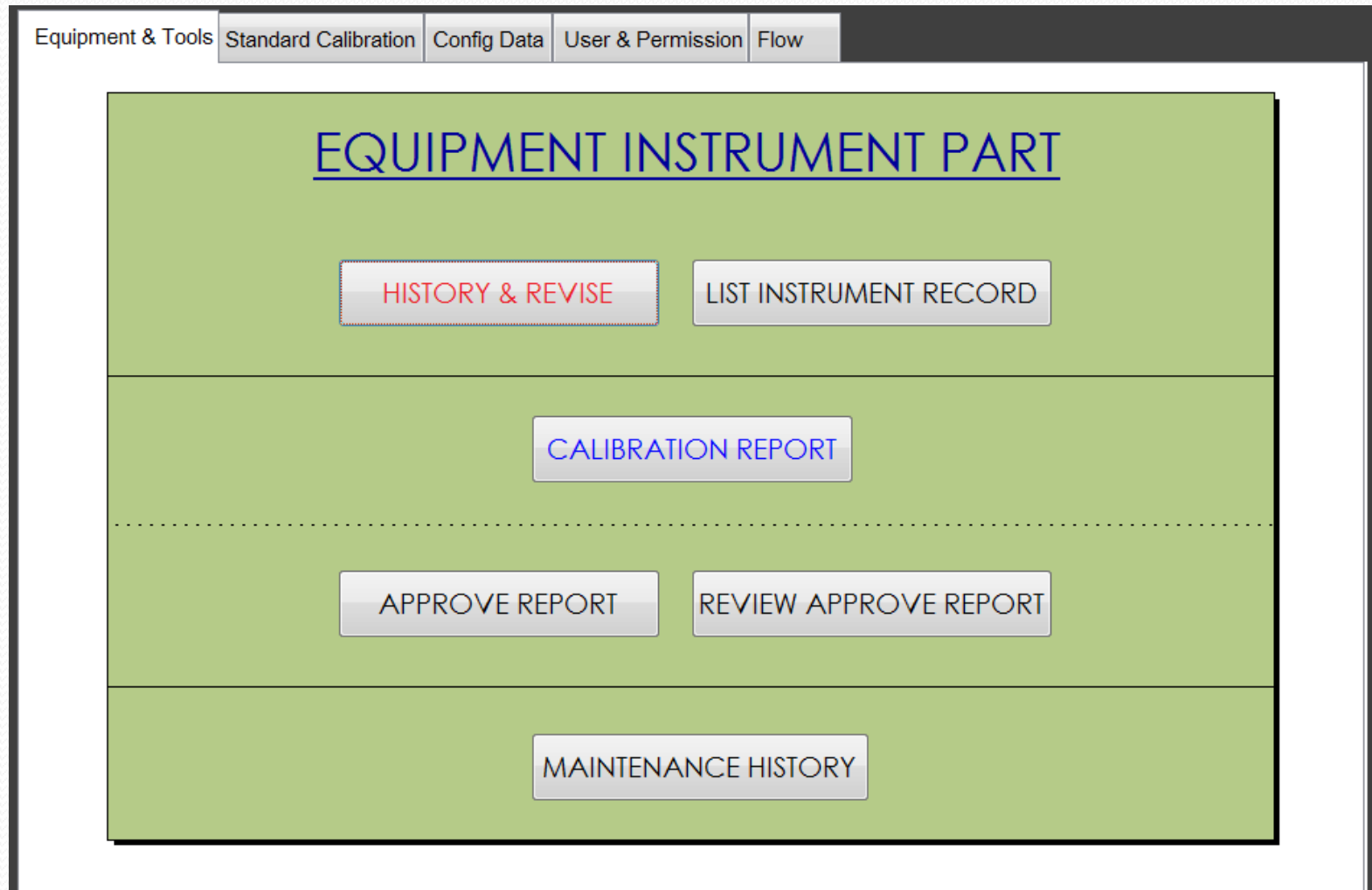
## Main Feature.

- บันทึกข้อมูลของเครื่องมือวัด แยกตามประเภท ชนิด แผนก เครื่องจักร ได้
- สามารถสร้างแผนการสอบเทียบล่วงหน้าได้ โดยสามารถกำหนดระยะเวลาของการสอบเทียบ โดยแยกตาม รุ่น/แบบ หรือ เป็นรายชิ้น ได้
- สามารถเก็บข้อมูล และเรียกดูข้อมูลของเครื่องมือวัด และ Standard ได้โดยเก็บข้อมูลไป Certificate ได้ในรูปแบบ ของ PDF file
- ระบบการแจ้งเตือน Due date แบบอัตโนมัติ โดยแจ้งเตือนทางหน้าจอ และทาง E-mail สามารถกำหนดเวลาการเตือนได้เอง
- คำนวณค่า Error และค่า Uncertainty ให้แบบอัตโนมัติ สามารถตัดสินผลการสอบเทียบว่า ผ่าน หรือ ไม่ผ่าน โดยเทียบจาก Specification

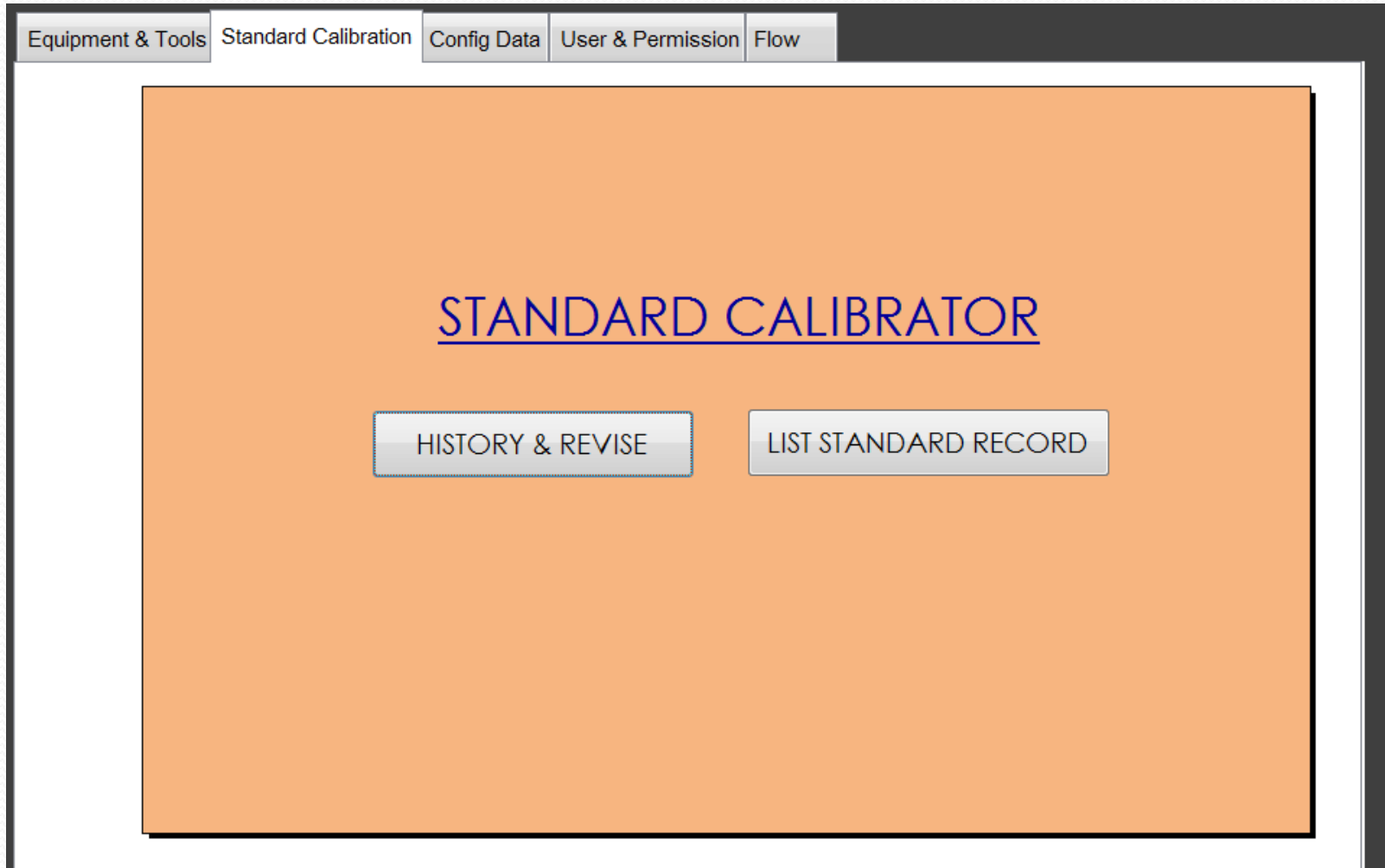
## Main Feature.

- สามารถสร้าง และบันทึกรูปแบบของค่าการสอบเทียบ ในช่วงๆของอุปกรณ์เพื่อใช้ อุปกรณ์ รุ่น/แบบ เดียวกันได้
- สามารถออกใบ Certificate ของการสอบเทียบได้ โดยสามารถปรับแต่งรูปแบบ ใบ Certificate ได้ตามต้องการ
- สามารถ Export ข้อมูลออกมาเป็น Excel เพื่อนำไปดำเนินการต่อได้ ตามความต้องการ และสามารถเก็บเป็น PDF file ได้
- มีระบบการอนุมัติ ข้อมูลการสอบเทียบเป็นระดับชั้นได้
- มีระบบการรับชิ้นงาน การมอบหมายงาน และการตรวจสอบ สถานะของงานได้
- สามารถตรวจสอบประวัติของการสอบเทียบของเครื่องมือ และ Standard ได้

# Main Menu - EQUIPMENT



# Main Menu - Standard



# Main Menu – Config Data

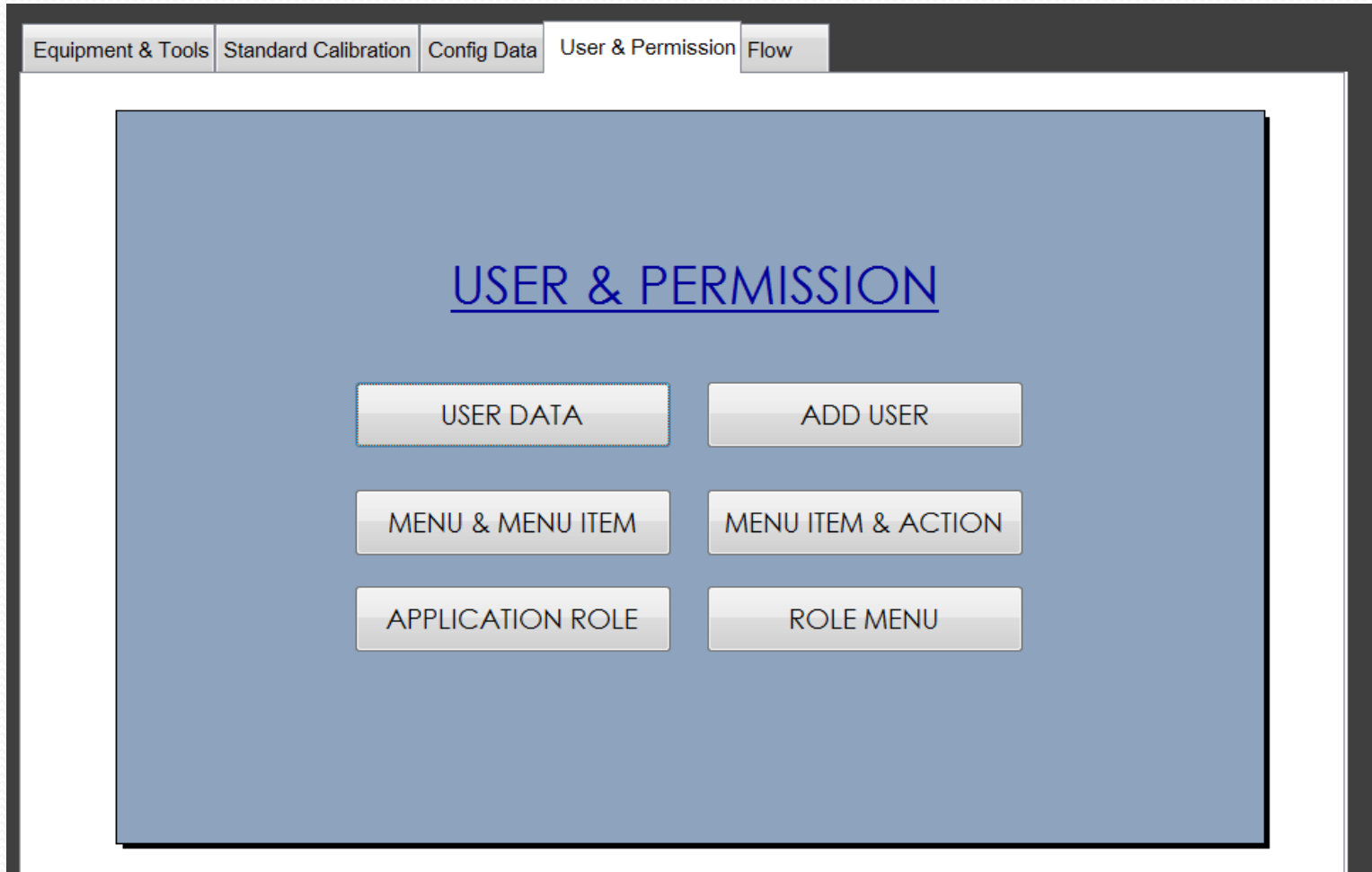
Equipment & Tools	Standard Calibration	Config Data	User & Permission	Flow
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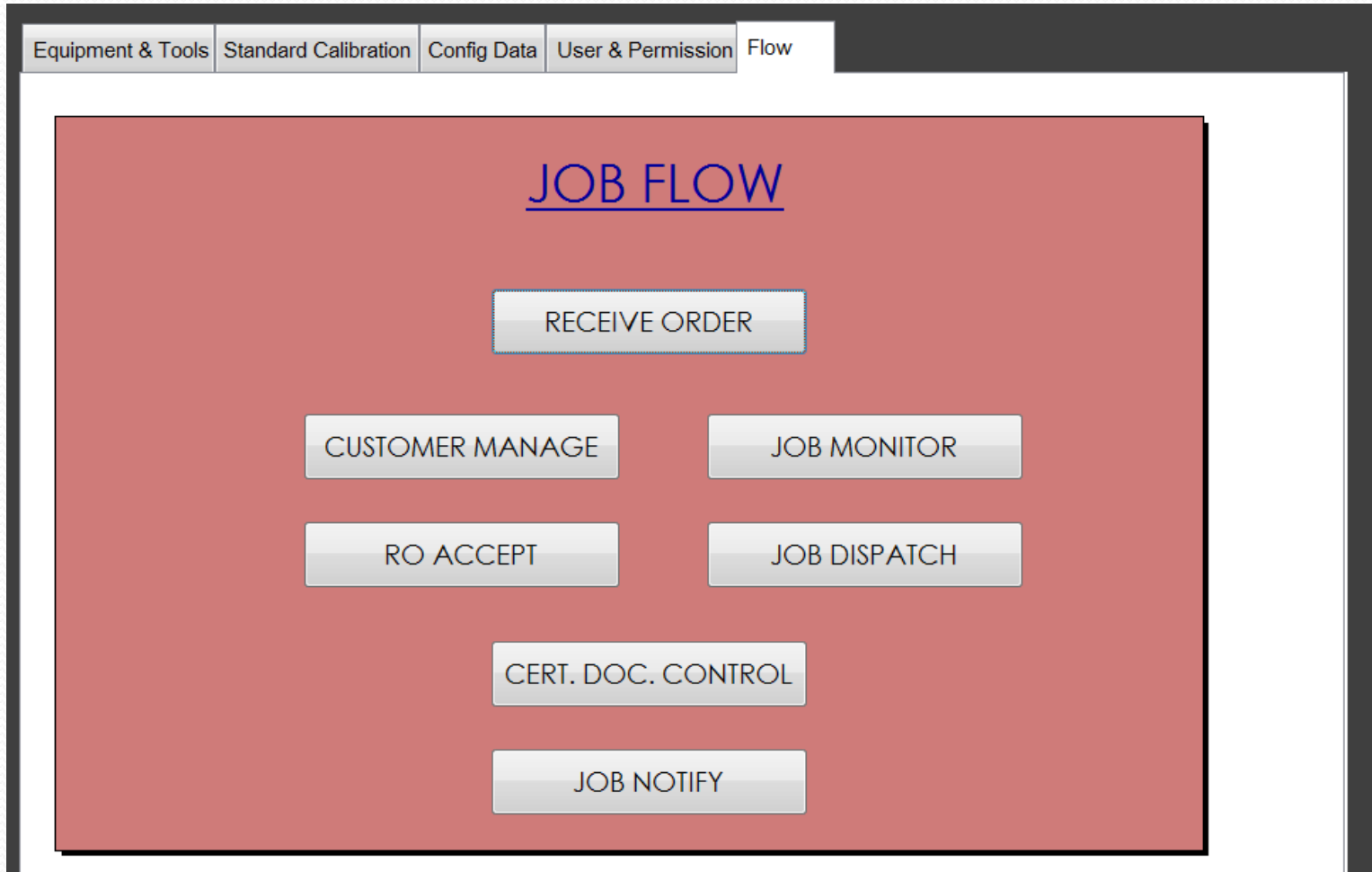
## CONFIGURATION DATA

SECTION	MAKER & MODEL	M/C NAME
CATEGORY & TYPE	INSTRUMENT GROUP	SUPPLIER
PROBLEM	CONFIGURATION	INSTRUMENT UNIT
INSTRUMENT STATUS	CALIBRATION LAB.	INSTRUMENT NAME
CALIBRATION FUNCTION	CALIBRATION RANGE	INSTRUMENT CAL. CONFIG

# Main Menu – User & Permission




# Main Menu – Job Flow





# Equipment & History


**BRIDGESTONE**  
 Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu Sign On Sign Off Close

INST. CODE  **SEARCH**

**ITEM CAL. HISTORY**

INST. CODE

BES2-PG-04

INST. NAME

PRESSURE GAUGE

TYPE

PRESSURE

M/C NAME

BES2-PG-04

SECTION

P.5

PLACE\_USED:

GROUP

INSTRUMENT

BRAND / MAKER

NKS

MODEL

0.0-10.0kgf/cm

SERIAL NO.

7429306

INPUT SIGNAL

OUTPUT SIGNAL

RANGE

0.0 TO 10.0 kgf/cm<sup>2</sup>

WORKING RANGE

0.0 TO 10.0 kgf/cm<sup>2</sup>

INTERVAL CAL (DAYs.)

365

More.

INTERVAL MA (DAYs.)

365

ACCURACY

0.1kgf/cm

A

TOLERANCE

1

m

RESOLUTION

0.01

TOLERANCE TYPE:

% Of Full Scale

SUPPLIER

SangChai Meter

STATUS

Normal

PROCESS\_CONTROL:

PREV

ADD NEW ITEM

COLLECT

SAVE

NEXT

FUNCTION

CLONE

RE-PLAN


On line Report	File Report	report_file	CERT_NO	CAL BY	CAL PLAN DATE	CAL_DATE	DUE_DATE	RESULT	PRICE	REMARK	BRAND / MAKER
<a href="#">View Report</a>	<a href="#">View File</a>				2005.03.27	2005.03.27	2006.03.27				NKS
<a href="#">View Report</a>	<a href="#">View File</a>			pua	2009.03.26	2012.02.07	2010.03.26				NKS
<a href="#">View Report</a>	<a href="#">View File</a>				2010.03.26	2012.02.08	2011.03.26				NKS
<a href="#">View Report</a>	<a href="#">View File</a>				2006.03.27	2006.03.27	2007.03.27				NKS
<a href="#">View Report</a>	<a href="#">View File</a>				2007.03.27	2007.03.27	2008.03.26				NKS
<a href="#">View Report</a>	<a href="#">View File</a>				2008.03.26	2008.03.26	2009.03.26				NKS
<a href="#">View Report</a>	<a href="#">View File</a>				2011.03.26		2012.03.25				
<a href="#">View Report</a>	<a href="#">View File</a>				2012.03.25		2013.03.25				

Record: 1

Filtered Search

# Equipment & History – Manual Cal. Plan

INPUT\_MANUAL\_CAL

  
Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu

Sign On


Sign Off


Close

INPUT\_MANUAL\_CAL

INST. CODE	BES2-PG-04
INST. NAME	PRESSURE GAUGE
CAL_PLAN_DATE	2005.03.27
CAL_DATE	2005.03.27
DUE_DATE	2006.03.27
RESULT	
REPORT_FILE	

\*\* NOTE, INPUT DATE FORMAT = mm/dd/yyyy





Record: 1 of 1

Filtered

Search

# Config Data-Cal. Function and Range Config

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAIE PLANT**

Goto Menu Sign On Sign Off **DEFINE\_RANGE\_GROUP**

RANGE GROUP: DC V. Range 2 New Function

FUNCTION: DC Voltage.


CALIBRATION RANGE

RANGE	RANGE AUC	% CAL. POINT	UNIT	VALUE SETTING	OUTPUT VALUE	OUTPUT UNIT
2	-	-90	Volt			
2	-	10	Volt			
2	-	-10	Volt			
2	-	90	Volt			
20	-	-90	Volt			
20	-	90	Volt			
20	-	-10	Volt			
20	-	10	Volt			
200	-	-90	Volt			
200	-	10	Volt			

Record: 1 of 20 No Filter Search

Record: 1 of 9

# Equipment & History - List Instrument


**BRIDGESTONE**  
 Your Journey, Our Passion **NONGKHAE PLANT**

[Goto Menu](#)
[Sign On](#)
[Sign Off](#)

ITEM\_ENQUIRY

SEARCH BY  
INST. NAME  
INST. ID  
SERIAL NO.

SEARCH BY TYPE  
BALANCE  
CHEMICAL  
CONTROL VALVE  
DIMENSION  
ELECTRICAL

SEARCH BY M/C NAME  
BELT CUTTING M/C NO.2  
BELT CUTTING M/C NO.3  
DRUMTEST M/C  
PLY CUTTING M/C NO.3  
ANGLE GAUGE

SEARCH BY SECTION  
BRIDGESTONE RETREAD  
CALIBRATION  
KAIBO  
M/C SHOP  
MM POWER

MONTH RANGE:  
Cal. DATE


[Search](#)

[Item List By Section](#)
[Item List By M/C Name](#)
[Cal. Plan](#)
[ใบแจ้งเดือนการสอบเทียบ](#)
[Print Label](#)
[Year Plan](#)
[Month Plan](#)

	INST. CODE:	INST. NAME:	SECTION	M/C NAME	TYPE	MAKER	MODEL	SERIAL_NO	ACCURACY	RANGE
Cal. History	BES2-PG-04	PRESSURE GAUGE	P.5	BES2-PG-04	PRESSURE	NKS	0.0-10.0kgf/cm	7429306	0.1kgf/cm	0.0
Cal. History	CR615-MD-05	INTERNAL TEMP	P.8	CURING 615	TEMPERATURE	YOKOGAWA	VOLTAGE-CUR	H9J234005	0.1 OC	0~320 OC
Cal. History	CR102-TP-01	TEMP.CONTROLLER (INTE	P.8	LINE 1	TEMPERATURE	AZBIL	SDC25/C25TCC	100407219	1 °C	0-320 OC
Cal. History	307-PG-26	PRESSURE GAUGE	P.7	BUDING M/C NO.307	PRESSURE	TOYO	0.0-15.0kg./cm	710213	1.5 kg/cm <sup>2</sup>	0.0
Cal. History	BES2-PG-05	PRESSURE GAUGE	P.5	BES2-PG-05	PRESSURE	NKS	0.0-10.0kgf/cm	7431404	0.1kgf/cm	0.0
Cal. History	P8	TEMPERATURE CONTROL	P.8	SPARE PART CURING	TEMPERATURE	AZBIL	SDC25 C25TCC	103204035	0.1 OC	0
Cal. History	wwwww	PRESSURE GAUGE	P.5	BES2-PG-04	PRESSURE	NKS	0.0-10.0kgf/cm	7429306	0.1kgf/cm	0.0
Cal. History	fdg	PRESSURE GAUGE	P.7	BUILDING M/C NO.8C	PRESSURE	NKS	0.00-1.00MPa.	8438523	0.01MPa.	0.00-1.00MP
Cal. History	CR615-RTD-01	RESISTANCE TEMPERATU	P.8	CURING M/C NO.615	TEMPERATURE	YAMARI	PT100 3W.2m	137180	1 OC	0~200 OC
Cal. History	CR615-TP-01	TEMP.CONTROLLER (INTE	P.8	LINE 6	TEMPERATURE	YAMARI	SDC20/C205G	994025177	0.5 OC	0-320 OC
Cal. History	CR810-RTD-04	RTD. OF (JACKET-R TEMP	P.8	CURING M/C No.810	TEMPERATURE	YAMARI	PT100/3W. 2m	1212485	0.1 OC	0-200 OC
Cal. History	CR810-RTD-05	RTD. OF (INTERNAL TEMP	P.8	CURING M/C No.810	TEMPERATURE	YAMARI	PT100/3W. 2m	1212506	0.1 OC	0-200 OC

Record: 14 1
[Filtered](#)
[Search](#)

# Equipment & History - List Item By Section Report


**BRIDGESTONE**  
*Your Journey, Our Passion*

**INSTRUMENT LIST IMPROVEMENT HISTORY**  
**ENGINEERING DEPARTMENT / THAI BRIDGESTONE NONGKHAE PLANT**

SPECIFICATION AND DESCRIPTION OF EQUIPMENT INSTRUMENT PART
 IMPROVEMENT HISTORY

SECTION : **CALIBRATION**  
 M/C Name : **PH METER**

PLACE_USED	INSTRUMENT NAME	MAKER	MODEL	SERIAL_NO	RANGE/CAP	TOLERANCE	SPEC PROCESS	INPUT	ITEMID	PERIOD	DATE
	PH METER	SCHOTT GERATE	CG-840	293654	0.0-14.0 Ph			CHEMICAL	TR-PH-01	30	2011.10.05

SECTION : **MM.INSTRUMENT**  
 M/C Name : **MASTER TESTER STANDARD ( MTS6)**

PLACE_USED	INSTRUMENT NAME	MAKER	MODEL	SERIAL_NO	RANGE/CAP	TOLERANCE	SPEC PROCESS	INPUT	ITEMID	PERIOD	DATE
	PH METER	HORIBA	B-212	8340397	0.0-14.0 pH		0.0-14.0 pH	CHEMICAL	MTS6-10	30	2011.08.09
	PH METER	HORIBA	D-51	S808238	0.0-14.0 pH		0.0-14.0 pH	CHEMICAL	MTS6-09	30	2011.08.09
	PH METER	HORIBA	D-51	S906243	0.0-14.0 pH		0.0-14.0 pH	CHEMICAL	MTS6-08	30	2011.08.09
	ph/ORP Meter	YOKOGAWA	PH72	EO02817	0.0-14.0 pH		0.0-14.0 pH	CHEMICAL	MTS6-07	30	2011.08.09
	VISCOSITY	BROOKFIELD	LVDV-II+	6528297	100		100	CHEMICAL	MTS6-06	30	2011.07.01

M/C Name : **PRIMARY CHEMICAL& GENERAL STANDARD**

PLACE_USED	INSTRUMENT NAME	MAKER	MODEL	SERIAL_NO	RANGE/CAP	TOLERANCE	SPEC PROCESS	INPUT	ITEMID	PERIOD	DATE
	BUFFER SOLUTION	HANNA	-	LOT0040	pH 4.01 ± 0.01		pH 4.01 ± 0.01	CHEMICAL	MTS6-01	30	2011.01.04
	BUFFER SOLUTION	HANNA	-	LOT0046	pH7.01 ± 0.01		pH7.01 ± 0.01	CHEMICAL	MTS6-02	30	2011.01.06
	BUFFER SOLUTION	HANNA	-	LOT0047	pH7.01 ± 0.01		pH7.01 ± 0.01	CHEMICAL	MTS6-03	30	2011.01.06
	VISCOSITY	BROOKFIELD	LVDV-II+	6528297	10		10	CHEMICAL	MTS6-04	30	2011.07.01
	VISCOSITY	BROOKFIELD	LVDV-II+	6529213	50		50	CHEMICAL	MTS6-05	30	2011.07.01

SECTION : **P.3**  
 M/C Name : **PH METER EXTRUDER**

PLACE_USED	INSTRUMENT NAME	MAKER	MODEL	SERIAL_NO	RANGE/CAP	TOLERANCE	SPEC PROCESS	INPUT	ITEMID	PERIOD	DATE
	P.3 (EXT.# 1)	YOKOGAWA	NA	91HA23095	4-7 pH.		4-7 pH.	CHEMICAL	ET1-PH-01	30	2011.06.26
	P.3 (EXT.# 1)	YOKOGAWA	NA	92K702506	4-7 pH.		4-7 pH.	CHEMICAL	ET1-PH-02	30	2011.06.26
	P.3 (EXT.# 10)	YOKOGAWA	NA	92K205763	4-7 pH.		4-7 pH.	CHEMICAL	ET10-PH-01	30	2011.06.26

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# Equipment & History - List Item By Machine Report



## INSTRUMENT LIST IMPROVEMENT HISTORY

ENGINEERING DEPARTMENT / THAI BRIDGESTONE NONGKHAE PLANT

SPECIFICATION AND DESCRIPTION OF EQUIPMENT INSTRUMENT PART

IMPROVEMENT HISTORY

M/C Name AREA BOILER

PLACE_USED	INST. NAME	SECTION	SERIAL_NO	RANGE	TOLERANCE	WORKING_RANGE	TYPE	ITEMID	INTERVAL CAL TIME	CAL_DATE	DET
	CONTROL VALVE	POWER	031762-02-01	0-100%		0-100%	CONTROL VALV	ACL1-4-CV-0	365	2009.12.04	
	CONTROL VALVE	POWER	051439-01-01	0-100%		0-100%	CONTROL VALV	TMP1-3-CV-0	365	2009.12.04	
	CONTROL VALVE	POWER	071864-01-01	0-100%		0-100%	CONTROL VALV	TMP8-1-CV-0	365	2009.12.04	
	CONTROL VALVE	POWER	081903-02-01	0-100%		0-100%	CONTROL VALV	VACT-CV-01	365	2009.12.04	
	CONTROL VALVE	POWER	G000C A028	0-100%		0-100%	CONTROL VALV	SHAP-CV-01	365	2009.12.04	
	CONTROL VALVE	POWER	G005CA058	0-100%		0-100%	CONTROL VALV	TMP8-2-CV-0	365	2009.12.04	

M/C Name BOILER NO.1

PLACE_USED	INST. NAME	SECTION	SERIAL_NO	RANGE	TOLERANCE	WORKING_RANGE	TYPE	ITEMID	INTERVAL CAL TIME	CAL_DATE	DET
	CONTROL VALVE	POWER	12944587	0-100%		0-100%	CONTROL VALV	BL1-CV-01	365	2011.07.27	
	CONTROL VALVE	POWER	MA009323	0-100%		0-100%	CONTROL VALV	BL1-CV-02	365	2011.07.27	
	ROGRAMMABLE CONTROLLER	POWER	5042CA124	0-100%		0-100%	CONTROL VALV	BL1-CL-01	365	2011.07.27	
	ROGRAMMABLE CONTROLLER	POWER	5042CA125	0-100%		0-100%	CONTROL VALV	BL1-CL-02	365	2011.07.27	
	ROGRAMMABLE CONTROLLER	POWER	51W203780	0-100%		0-100%	CONTROL VALV	BL1-CL-03	365	2011.07.27	

M/C Name BOILER No.2

PLACE_USED	INST. NAME	SECTION	SERIAL_NO	RANGE	TOLERANCE	WORKING_RANGE	TYPE	ITEMID	INTERVAL CAL TIME	CAL_DATE	DET
	FISHER CONTROLS	POWER	N/A	0-100%		0-100%	CONTROL VALV	BL2-CV-02	365	2010.12.21	
	FISHER CONTROLS	POWER	N/A	0-100%		0-100%	CONTROL VALV	BL2-CV-01	365	2010.12.21	


M/C Name BOILER NO.3

PLACE_USED	INST. NAME	SECTION	SERIAL_NO	RANGE	TOLERANCE	WORKING_RANGE	TYPE	ITEMID	INTERVAL CAL TIME	CAL_DATE	DET
	CONTROL VALVE	POWER	itioner:MA009	0-100%		0-100%	CONTROL VALV	BL3-CV-02	365	2011.04.14	
	CONTROL VALVE	POWER	itioner:1258	0-100%		0-100%	CONTROL VALV	BL3-CV-01	365	2011.04.14	

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# Equipment & History - List Calibration plan Report

 <b>BRIDGESTONE</b> <i>Your Journey, Our Passion</i>		<b>INSTRUMENT CAL PLAN HISTORY</b> <b>ENGINEERING DEPARTMENT / THAI BRIDGESTONE NONGKHAE PLANT</b>							
SECTION		CALIBRATION							
M/C NAME		PH METER							
INSTRUMENT NAME		INST. NO	PLACE_USED	MAKER	MODEL	SERIAL_NO	CAL PLAN DATE	CAL DATE	DUE DATE
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	21-Feb-14		23-Mar-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	18-Mar-15		17-Apr-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	08-May-11		07-Jun-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	08-Apr-11		08-May-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	09-Mar-11		08-Apr-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	16-Feb-15		18-Mar-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	17-Jan-15		16-Feb-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	18-Nov-14		18-Dec-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	19-Oct-14		18-Nov-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	19-Sep-14		19-Oct-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	21-Jul-14		20-Aug-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	21-Jun-14		21-Jul-1
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	07-Jul-11		06-Aug-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	23-Mar-14		22-Apr-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	06-Aug-11		05-Sep-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	23-Dec-13		22-Jan-1
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	23-Nov-13		23-Dec-
PH METER		TR-PH-01		SCHOTT GERATE	CG-840	293654	24-Oct-13		23-Nov-

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# Equipment & History - List Calibration notice Report



## ใบแจ้งเรียกเครื่องมือวัดเพื่อทำการสอบเทียบ

SECTION CALIBRATION

M/C NAME PH METER

INSTRUMENT NAME	SERIAL_NO	INST. CODE	DUE DATE	ส่งสอบเทียบ ไม่ส่งสอบเทียบ	ไม่ส่งสอบเทียบ (สาเหตุ)	ชื่อ (ตัวบรรจง)	หมายเหตุ
PH METER	293654	TR-PH-01	06-Aug-11	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	02-Apr-12	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	03-Mar-12	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	02-Feb-12	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	03-Jan-12	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	04-Dec-11	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	04-Nov-11	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	05-Sep-11	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	07-Feb-11	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	09-Mar-11	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	08-Apr-11	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	08-May-11	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	07-Jun-11	<input type="checkbox"/>	<input type="checkbox"/>		
PH METER	293654	TR-PH-01	07-Jul-11	<input type="checkbox"/>	<input type="checkbox"/>		

SECTION MM.INSTRUMENT

### ข้อกำหนด


- กรุณานำเครื่องมือวัดมาส่งสอบเทียบ หลังจากได้รับใบแจ้งเรียกเครื่องมือวัดเพื่อทำการสอบเทียบภายใน 7 วัน
- ในกรณีที่เครื่องมือวัดชำรุดเสียหายต้องนำเครื่องมือวัดมาให้ทางแผนก INSTRUMENT ทำการตรวจสอบว่ายังสามารถใช้งานได้หรือไม่
- ในกรณีที่ส่งใบแจ้งเรียกเครื่องมือวัดเพื่อทำการสอบเทียบไปให้ผู้รับ ผิดชอบแล้วนั้นหากไม่มีการดำเนินการส่งเครื่องมือวัดที่แจ้งไป กลับมาสอบเทียบ ภายในระยะเวลาที่กำหนด ทางแผนก INSTRUMENT จะแจ้งเตือนก่อนการนำไปถึงงานวัด นั้น

Thursday, March 15, 2012

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# Equipment & History - Calibration due notify


 Your Journey, Our Passion <b>NONGKHAE PLANT</b>		Goto Menu	Sign On	Sign Off	INST. CODE <input type="text"/>	<input type="button" value="SEARCH"/>	CAL NOTIFY VIEW		
	INST. CODE:	INST. NAME:	SECTION	M/C NAME	SERIAL_NO:	CAL_PLAN_ DATE:	DUE DATE:	CERT_NO:	
Gen / ViewReport	BES2-PG-05	PRESSURE GAUGE	P.5	BES2-PG-05	7431404	2005.03.27	2006.03.27		
Gen / ViewReport	BES2-PG-02	PRESSURE GAUGE	P.5	BES2-PG-02	NA	2005.03.27	2006.03.27		
Gen / ViewReport	BEAD PRESET M/C	PRESSURE GAUGE	P.5	BEAD PRESET M/C NO.10	3158279	2005.05.24	2006.05.24		
Gen / ViewReport	BEAD PRESET M/C	PRESSURE GAUGE	P.5	BEAD PRESET M/C NO.12	7351781	2005.05.24	2006.05.24		
Gen / ViewReport	BEAD PRESET M/C	PRESSURE GAUGE	P.5	BEAD PRESET M/C NO.6	7281619	2005.05.24	2006.05.24		
Gen / ViewReport	BEAD PRESET M/C	PRESSURE GAUGE	P.5	BEAD PRESET M/C NO.4	7379938	2005.05.24	2006.05.24		
Gen / ViewReport	B MONO WIRE BEA	PRESSURE GAUGE	P.4	B MONO WIRE BEAD M/C N	3180321	2005.05.24	2006.05.24		
Gen / ViewReport	BEAD PRESET M/C	PRESSURE GAUGE	P.5	BEAD PRESET M/C NO.9	NA	2005.05.24	2006.05.24		
Gen / ViewReport	BEAD PRESET M/C	PRESSURE GAUGE	P.5	BEAD PRESET M/C NO.11	NA	2005.05.24	2006.05.24		
Gen / ViewReport	BEAD PRESET M/C	PRESSURE GAUGE	P.5	BEAD PRESET M/C NO.5	1257602	2005.05.24	2006.05.24		
Gen / ViewReport	BEAD PRESET M/C	PRESSURE GAUGE	P.5	BEAD PRESET M/C NO.8	9431535	2005.05.24	2006.05.24		
Gen / ViewReport	PLY CUTTING NO.3	PRESSURE GAUGE	P.4	PLY CUTTING NO.3	9224075	2005.05.24	2006.05.24		
Gen / ViewReport	BELT CUTTING NO.	PRESSURE GAUGE	P.5	BELT CUTTING NO.1	9038639	2005.06.22	2006.06.22		
Gen / ViewReport	BELT CUTTING NO.	PRESSURE GAUGE	P.5	BELT CUTTING NO.2	8430973	2005.06.22	2006.06.22		
Gen / ViewReport	BEAD PRESET M/C	PRESSURE GAUGE	P.5	BEAD PRESET M/C NO.3	4689718	2005.07.21	2006.07.21		
Gen / ViewReport	B MONO WIRE BEA	PRESSURE GAUGE	P.4	B MONO WIRE BEAD M/C N	1757224	2005.08.01	2006.08.01		
Gen / ViewReport	BEAD STANDING N	PRESSURE GAUGE	P.5	BEAD STANDING NO.2	7431404	2005.08.01	2006.08.01		
Gen / ViewReport	B MONO WIRE BEA	PRESSURE GAUGE	P.4	B MONO WIRE BEAD M/C N	4227576	2006.01.07	2007.01.07		

Record: 1 Filtered Search

# Equipment & History - Cal. Document Approve List

 Your Journey, Our Passion <b>NONGKHAE PLANT</b>		Goto Menu	Sign On	Sign Off	DOC APPROVAL					
	INST. CODE	INST. NAME	CERT_NO	CAL BY	PLAN DATE	CAL DATE	DUE_DAT	RESULT	PRICE	
View Report	BES2-PG-04	PRESSURE GAUGE			2010.03.26	2012.02.08	2011.03.26			
View Report	BES2-PG-01	PRESSURE GAUGE			2005.03.27	2012.02.08	2006.03.27			
View Report	BR-PG-01	PRESSURE GAUGE		pua		2012.03.12				
View Report	BES2-PG-03	PRESSURE GAUGE		pua	2005.03.27	2012.03.13	2006.03.27			

# Equipment & History - Cal. Doc. Review Approve List


**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAE PLANT**

REVIEW APPROVAL

	INST. CODE	INSTRUMENT NAME	CERT_NO	CAL BY	PLAN DATE	CAL DATE	DUE_DAT	RESULT	REMARK
<input type="button" value="VIEW REPORT"/>	BES2-PG-04	PRESSURE GAUGE		pua	2009.03.26	2012.02.07	2010.03.26		

Record: 1 of 1

# Standard Calibration - List and History


**BRIDGESTONE**  
 Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu Sign On Sign Off Close

INST. CODE  **SEARCH**

**ITEM CAL. HISTORY**

INST. CODE

MTS5-16

INST. NAME

SEMI CIRCLE

TYPE

DIMENSION

M/C NAME

PRIMARY DIAMENSION STANDARD

SECTION

MM.INSTRUMENT

PLACE\_USED:

GROUP

STANDARD

BRAND / MAKER

CONCISE

MODEL

S-25

SERIAL NO.

-

INPUT SIGNAL

OUTPUT SIGNAL

RANGE

0-180 TO

WORKING RANGE

0-180 TO

INTERVAL CAL (DAYs.)

365

More..

INTERVAL MA (DAYs.)

ACCURACY

10

TOLERANCE

RESOLUTION

10

TOLERANCE TYPE:

% Of Reading Scale

SUPPLIER

STATUS

Normal

PROCESS\_CONTROL:

PREV

ADD NEW ITEM

COLLECT

SAVE

NEXT

FUNCTION

CLONE

RE-PLAN

On line Report	File Report	report_file	CERT_NO	CAL BY	CAL PLAN DATE	CAL_DATE	DUE_DATE	RESULT	PRICE	REMARK	BRAND / MAKER
View Report	View File				2011.09.30		2012.09.29				CONCISE
View Report	View File				2013.09.29		2014.09.29				CONCISE
View Report	View File				2014.09.29		2015.09.29				CONCISE
View Report	View File				2015.09.29		2016.09.28				CONCISE
View Report	View File				2016.09.28		2017.09.28				CONCISE
View Report	View File				2012.09.29		2013.09.29				CONCISE
View Report	View File										

Record: 1 Filtered Search

# Standard Calibration - Standard List

Caribbean

Home Create External Data Database Tools Acrobat

Calibration INST\_ITEM\_SEARCH CALOPERATE\_item\_history CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu Sign On Sign Off

## ITEM\_ENQUIRY

SEARCH BY

INST. NAME

INST. ID

SERIAL NO.

Search

SEARCH BY TYPE

BALANCE  
CHEMICAL  
CONTROL VALVE  
DIMENSION  
ELECTRICAL

SEARCH BY M/C NAME

BELT CUTTING M/C NO.2  
BELT CUTTING M/C NO.3  
DRUMTEST M/C  
PLY CUTTING M/C NO.3  
ANGLE GAUGE

SEARCH BY SECTION

BRIDGESTONE RETREAD  
CALIBRATION  
KAIBO  
M/C SHOP  
MM POWER

MONTH RANGE: Cal. DATE

Item List By Section Item List By M/C Name Cal. Plan ใบแจ้งเดือนการสอบเทียบ Print Label Year Plan Month Plan

	INST. CODE:	INST. NAME:	SECTION	M/C NAME	TYPE	MAKER	MODEL	SERIAL_NO	ACCURACY	RANGE
Cal. History	MTS5-16	SEMI CIRCLE	MM.INSTRUMENT	PRIMARY DIAMENSIC	DIMENSION	CONCISE	S-25	-	10	0-180 0
Cal. History	MTS2-14	OIL BATH	MM.INSTRUMENT	MTS 2 MASTER TESTE	TEMPERATURE	POLYSCIENCE	9512	109800074	SEE MANUAL	50 0CNA200
Cal. History	MTS6-09	PH METER	MM.INSTRUMENT	MASTER TESTER STAN	CHEMICAL	HORIBA	D-51	5808238	0.1pH	0.0-14.0 pH
Cal. History	MTS6-10	PH METER	MM.INSTRUMENT	MASTER TESTER STAN	CHEMICAL	HORIBA	B-212	8340397	0.1pH	0.0-14.0 pH
Cal. History	MTS2-101	DECADE RESISTANCE BO	MM.INSTRUMENT	GENARAL TEMPERAT	ELECTRICAL	YOKOGAWA	2793	66VX0147	SEE MANUAL	ALL RANGE
Cal. History	MTS2-102	DECADE RESISTANCE BO	MM.INSTRUMENT	GENARAL TEMPERAT	ELECTRICAL	YOKOGAWA	2793	65VX0038	SEE MANUAL	ALL RANGE
Cal. History	MTS2-103	DC VOLTAGE CURRENT ST	MM.INSTRUMENT	GENARAL TEMPERAT	ELECTRICAL	YOKOGAWA	255341	55BD2190	SEE MANUAL	ALL RANGE
Cal. History	MTS2-104	PORTABLE CALIBRATOR	MM.INSTRUMENT	GENARAL TEMPERAT	ELECTRICAL	YOKOGAWA	2422	66MD6045	SEE MANUAL	ALL RANGE
Cal. History	MTS2-105	PORTABLE CALIBRATOR	MM.INSTRUMENT	GENARAL TEMPERAT	ELECTRICAL	YOKOGAWA	2422	2422CA009	SEE MANUAL	ALL RANGE
Cal. History	MTS5-22	BEAD INNER CIRCUMFER	MM.INSTRUMENT	PRIMARY DIAMENSIC	ELECTRICAL	-	-	-	SEE MANUAL	-
Cal. History	MTS5-23	BEAD INNER CIRCUMFER	MM.INSTRUMENT	PRIMARY DIAMENSIC	ELECTRICAL	-	-	-	SEE MANUAL	-
Cal. History	MTS7-01	STOP WATCH	MM.INSTRUMENT	MASTER TESTER STAN	ELECTRICAL	SEIKO	S056-4000	881139	0.1 Sec	10 Sec-30 mi

Record: 14 of 99 Filtered Search

Form View Num Lock Filtered

# Config Data - Section Data

Caribbean

Home Create External Data Database Tools Acrobat

Calibration CALOPERATE\_item\_history CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW CAL\_USER

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu Sign On Sign Off INST. SECTION

SECTION: MM.INSTRUMENT

TELEPHONE:

MOBILE:

EMAIL:

Navigation Pane

SECTION	TELEPHONE	MOBILE	EMAIL
MM.INSTRUMENT			
PM P.8			
PM P.9			
P.7			
PROVING GROUND			
TRAINING DD2			
P.2			
QA(DRUMTEST M/C)			
QA			
P.8			
KAIBO			
P.1			
MM POWER			
QA.(TEST ROOM)			
RAW MATERIAL			
NOUSER			
P.4			

Record: 1 of 33 No Filter Search

Form View Num Lock

# Config Data - Maker and Model Data

Caribbean

Home Create External Data Database Tools Acrobat

CALOPERATE\_item\_history CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW CALOPERATE\_INST\_BRAND

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAIE PLANT**

Goto Menu Sign On Sign Off INST. BRAND

BRANDNAME FLUKE

MENUFACTURE

ASSAMBLER\_COUNTRY

DESCRIPTION

BRAND\_LOGO

INST\_MODEL

BRAND_ID	MODELNAME	DESCRIPTION
FLUKE	62 MINI IR	62 MINI IR
FLUKE	51 II / probe btNA11K	51 II / probe btNA11K
FLUKE	51 II 80pk-27	51 II 80pk-27
FLUKE	568 IR	568 IR
FLUKE	36	36
FLUKE	TI32	TI32
FLUKE	63 MINI IR	63 MINI IR
FLUKE	51 II/PROBE ANRITSUMW-11K-T	51 II/PROBE ANRITSUMW-11K-T
FLUKE	744	744
FLUKE	1760/2TM	1760/2TM
FLUKE	5500A	5500A
FLUKE	51 II / PROBE ANRITSU BT-92K-T	51 II / PROBE ANRITSU BT-92K-T
FLUKE	189	189
FLUKE	62MINI IR	62MINI IR
FLUKE	62	62
FLUKE	51 II	51 II

Record: 1 of 19

Record: 43 of 183

No Filter flu

Form View

Num Lock

# Config Data - Machine Data

Caribbean

Home Create External Data Database Tools Acrobat

Calibration CALOPERATE\_item\_history CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW INST\_LOCATION

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu Sign On Sign Off

M/C NAME

M/C NAME: EXTRUDER M/C NO.8

ADDRESS:

PROVINCE:

REGION:

COUNTRY:

M/C NAME	ADDRESS	PROVINCE	REGION	COUNTRY
EXTRUDER M/C				
SET SQUARE				
PRIMARY CHEN				
LINER GAUGE				
VISCOMETER				
BELT CUTTING				
CURING M/C N				
CURING M/C N				
CURING M/C N				
CURING M/C N				
BEAD INNER CI				
GENERAL SERV				
BEAD PRESET N				

Record: 1 No Filter Search

Form View Num Lock



# Config Data - Maker & Model Data

Caribbean

Home Create External Data Database Tools Acrobat

Calibration CALOPERATE\_item\_history CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW INST\_CATEGORY

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAIE PLANT**

Goto Menu Sign On Sign Off

**INSTRUMENT CATEGORIES**

ID	DESCRIPTION
1	ELECTRICAL
2	PRESSURE & FL
3	DIMENSION
4	TORQUE & BAL
5	CHEMICAL
6	TEMPURATURE
*	

Navigation Pane

ID

DESCRIPTION

imdone\_inst\_type

TYPE NAME	DESCRIPTION	WI DOC NO
ELECTRICAL	ELECTRICAL	
*		

Record: 1 of 1

Form View

Num Lock

# Config Data - Instrument Group

Caribbean

Home Create External Data Database Tools Acrobat

Calibration CALOPERATE\_item\_history CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW INST\_GROUP

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu Sign On Sign Off INST. GROUP

GROUPNAME: INSTRUMENT

DESCRIPTION: INSTRUMENT

GROUPNAM	DESCRIPTIO
INSTRUMENT	INSTRUMENT
STANDARD	STANDARD
*	

Record: 1 of 2 No Filter Search

Form View Num Lock

# Config Data - Supplier

Caribbean

Home Create External Data Database Tools Acrobat

Calibration CALOPERATE\_item\_history CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW **INST\_SUPPLIER**

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu Sign On Sign Off **INST. SUPPLIER**

CONTACT\_NAME: SangChai Meter COUNTRY: Thailand

ADDRESS1: TELEPHONE:

ADDRESS2: MOBILEPHONE:

ADDRESS3: FAXNO:

PROVINCE: EMAIL:

REMARK:

CONTACT_N	ADDRESS1	ADDRESS2	ADDRESS3	PROVINCE	COUNTRY	TELEPHONE	MOBILEPHO	FAXNO	EMAIL	REMARK
SangChai Mete					Thailand					
*										

Record: 1 of 1 No Filter Search

Form View Num Lock

# Config Data - Configuration

Caribbean

Home Create External Data Database Tools Acrobat

Calibration CALOPERATE\_item\_history CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW **CAL\_CONFIG**

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu Sign On Sign Off CAL\_CONFIG

CONFIG\_GROUP: filepath

CONFIG\_VAR: file\_store\_path

CONFIG\_VALUE: C:\Users\Administrator\Documents

CONFIG_GR	CONFIG_VAR	CONFIG_VALUE
filepath	file_store_path	C:\Users\Administrator\Documents
*		

Record: 1 of 1 No Filter Search

Form View Num Lock

# Config Data - Unit

Caribbean

Home Create External Data Database Tools Acrobat

Calibration CALOPERATE\_item\_history CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW **INST\_UNIT**

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAIE PLANT**

Goto Menu Sign On Sign Off INST\_UNIT

UNIT SYMBOL:

UNITNAME:

UNIT RATIO:

STANDARD UNIT ID:

UNIT SYMBC	UNITNAME	UNIT RATIO	STANDARD I
μV	MicroVolt	1000000	Volt
MV.	MegaVolt	0.000001	Volt
kV.	KiloVolt	0.001	Volt
mV.	MiliVolt	1000	Volt
V.	Volt	1	Volt
A	Ampare	1	Ampare
m	Meter	1	Meter
mA	MilliAmpare	0.001	Ampare
cm	Centimeter	100	Meter
mm	Milimeter	1000	Meter
°C	Celcius	1	Celcius
kg/cm²	Kilogram/cm²	1	
kgf/cm²	KilogramFourc	1	
*			

Record: 1 of 13 No Filter Search

Form View Num Lock

# Config Data - Status

The screenshot displays a web application window titled "Caribbean". The interface includes a top navigation bar with tabs for "Calibration", "CALOPERATE\_item\_history", "CALOPERATE\_inspection\_CAL\_PLAN\_VIEW", "CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW", "TBS\_CAL\_NOTIFY\_VIEW", and "INST\_STATUS". The "INST\_STATUS" tab is active, showing the "BRIDGESTONE" logo and the text "Your Journey, Our Passion NONGKHAE PLANT". Below the logo are buttons for "Goto Menu", "Sign On", and "Sign Off". The main content area is titled "INST. STATUS" and contains a form with two fields: "NAME:" with the value "Normal" and "DESCRIPTION:" with the value "Working in Line". A table below the form lists the configuration data:

NAME	DESCRIPTION
Normal	Working in Lin

The table has a single row of data. The bottom status bar shows "Record: 1 of 1" and "No Filter Search".

# Config Data - Lab

Caribbean

Home Create External Data Database Tools Acrobat

Calibration CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW **CAL\_LAB**

LAB. NAME IN HOUSE (LAB.) **BRIDGESTONE** Your Journey, Our Passion **NONGKHAE PLANT** Goto Menu Sign On Sign Off imcbone\_cal\_lab

LAB. NAME: IN HOUSE (LAB.) country: THAILAND

address1: telephone:

address2: mobilephone:

address3: faxno:

province: email:

remark: TEMP. : 23 +/- 2 C. , HUMID. 55 +/- 10%

CALIBRATER NAME	TELEPHONE	MOBILE	E-MAIL	details	USER ID
teeee	eeee	eeee	test		
ffff		eee			
Test		eeee	eeee		Panida T.
pua	qqq	qqqq	qqq	qqqq	pual san.

Record: 1 of 4 No Filter Search

Form View Num Lock

# Config Data - Instrument Name

Caribbean

Home Create External Data Database Tools Acrobat

Calibration CALOPERATE\_item\_history CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW **INST\_NAME**

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu Sign On Sign Off INST\_NAME

INSTNAME: TEMP CONTROL

INSTNAME
TEMP CONTROL
*

Navigation Pane

Record: 1 of 1 No Filter Search

Form View Num Lock



# Config Data - Cal. Function

Caribbean

Home Create External Data Database Tools Acrobat

Calibration CALOPERATE\_item\_history CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW **CAL\_FUNCTION**

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAE PLANT** Goto Menu Sign On Sign Off **CAL. FUNCTION**

DESCRIPTION:

STANDARD DIGIT:

DESCRIPTION	STANDARD
DC Voltage.	6
AC Voltage.	6
Resistance.	6
Capacitance	6
DC Current.	6
AC Current	6
Pressure Meas.	3
TEMP Cal.	1
RTD Cal.	1
*	

Record: 1 of 9 No Filter Search

Form View Num Lock

# Config Data - Cal. Range

Caribbean

Home Create External Data Database Tools Acrobat

CALOPERATE\_item\_history CALOPERATE\_item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW **TBS\_DEFINE\_RANGE\_GROUP**

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAE PLANT** Goto Menu Sign On Sign Off **DEFINE\_RANGE\_GROUP**

RANGE GROUP: DC V. Range 2 New Function

FUNCTION DC Voltage.

CALIBRATION RANGE


RANGE	RANGE AUX	% CAL. POINT	UNIT	VALUE SETTING	OUTPUT VALUE	OUTPUT UNIT
2	-	-90	Volt			
2	-	10	Volt			
2	-	-10	Volt			
2	-	90	Volt			
20	-	-90	Volt			
20	-	90	Volt			
20	-	-10	Volt			
20	-	10	Volt			
200	-	-90	Volt			
200	-	10	Volt			

Record: 1 of 20 No Filter Search

Record: 1 of 9

Form View Num Lock

# Config Data -Item Cal. Function config



Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu Sign On Sign Off Close

INST. CODE 

SEARCH

ITEM CAL. HISTORY

INST. CODE  
BES2-PG-04  
INST. NAME  
PRESSURE GAUGE  
TYPE  
PRESSURE  
M/C NAME  
BES2-PG-04  
SECTION  
P.5  
PLACE\_USED:  
GROUP  
INSTRUMENT

BRAND / MAKER  
NKS  
MODEL  
0.0-10.0kgf/cm  
SERIAL NO.  
7429306  
SERVICE TAG  
ACCURACY  
0.1kgf/cm  
RANGE  
0.0 TO 10.0 kgf/cm  
WORKING RANGE  
0.0 TO 10.0 kgf/cm

INTERVAL CAL (DAYS.)  
365  
INTERVAL MA (DAYS.)  
365  
RESOLUTION  
0.01 A  
TOLERANCE  
1 m  
TOLERANCE TYPE  
SUPPLIER  
SangChai Meter  
REMARK  
STATUS  
Normal  
PROCESS\_CONTROL:

PREV NEXT COLLECT ITEM

FUNCTION TEMPLATE

RANGE GROUP 
MAX CH.: 
Add Range Group New Range Group

ITEM 
Clone From Item

Delete Save

FUNCTION	RANGE	VALUE_SETTING	TOLERANCE	TOLERANCE TYPE	MAX CHANNEL	OUTPUT VALUE	OUTPUT UNIT ID
Presure Measument	15 --- kgf/cm <sup>2</sup> - 100			% Of Full Scale	1		
Presure Measument	15 --- kgf/cm <sup>2</sup> - 80			% Of Full Scale	1		
Presure Measument	15 --- kgf/cm <sup>2</sup> - 20			% Of Full Scale	1		
Presure Measument	15 --- kgf/cm <sup>2</sup> - 40			% Of Full Scale	1		
Presure Measument	15 --- kgf/cm <sup>2</sup> - 60			% Of Full Scale	1		
*							

Record: 1 of 1 Filtered Search

# Job Flow - Receive Order

Caribbean

Home Create External Data Database Tools Acrobat

CALOPERATE\_Item\_history CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW CALOPERATE\_INST\_ITEM imcbone\_cal\_received\_order

**IMC** New RO RO. NUMBER SEARCH RECEIVE ORDER

RO NUMBER : 1/12 RO STATUS: DISPATCH

SALE ID : panida RECEIVE\_DATE 10-Mar-2012

RO\_DUE\_DATE 16-Mar-2012

CERT ISSUED

CUSTOMER : A.S.T. CLEAN LABEL CO.,LTD. - 242 SOI SOONVIJAI4,RAMA 9 Rd.,BANGKAPI ,HUAY KWAN

Others

method\_note

officer\_note

standard\_note

agreement\_note

RO CERT. NO :

cnt	description
1	PRESSURE & FLOW

Navigation Pane

RECEIVE ORDER DETAIL

NEW ITEM LAST CERT.

DESCRIPTION	BRAND / MAKER	MODEL	SERIAL NO	IDEN NO	JOB TYPE
					CALIBRATION

ADD

cert_no	DESCRIPTION :	BRAND / MAKER	MODEL	SERIAL NO	iden_no	lab_id	doc_status	remark
	BR-PG-01 - PRESSURE GAUGE	ASHCROFT	0.0-30.0 psi				SUBMIT	

Record: 1 of 4 Unfiltered Search

Form View Num Lock

# Job Flow - Customer

Caribbean

Home Create External Data Database Tools Acrobat

CALOPERATE\_INSPECTION\_CAL\_PLAN\_VIEW CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW CALOPERATE\_INST\_ITEM imcbone\_cal\_received\_order **IMC\_CAL\_CUSTOMER**

imcbone\_cal\_customer

contact\_name: AGRO FIBER telephone:

address1: 138 M.7, THATOOM, SRIMAHAPHOT, PRACHINBURI 25140 mobilephone:

address2: telephone\_ext:

address3: faxno:

province: email:

country: THAILAND remark:

sale\_id:

contact_name	address1	address2	address3	province	country	telephone	mobilephor	telephone_	faxno	email	ri
AGRO FIBER	138 M.7, THATOOM, SRIMAHAPHOT, PRACHINBURI 25140				THAILAND						
A.P. PRECISION CENTER CO., LTD.	53/628 MOO 2 FRAKHAM				THAILAND						
A.S.T. CLEAN LABEL CO.,LTD.	242 SOI SOONVIJAI4,RAM				THAILAND						
AAPICO FORGING PUBLIC CO., LTD.	700/20 MOO 6 AMATA NA				THAILAND						
ABATEK (ASIA) CO.,LTD.	695 EXPORT PROCESSING				THAILAND						
ABD KHAN CO., LTD.	30 MOO 5, BOHPLOI KANC				THAILAND						
ACK HYDRO FARM CO.,LTD.	933 ON - NUCH ROAD, SU				THAILAND						
ADITYA BIRLA CHEMICALS (THAILAND) LTD	77 SOI SUKHAPHIBAN 1 M				THAILAND						
ADVANCE G.C. TECHNOLOGY CO.,LTD.	926/180,THONBURI-PARK				THAILAND						
ADVANCE MEKKI CHEMICAL CO., LTD.	49/16 SOI. KINGKAEW 30,				THAILAND						
ADVANCED CONCEPT PLATING CO., LTD	101/62/13 MOO. 20 NAVA				THAILAND	(02) - 529 - 431			(02) - 529 - 432		
ADVANCED CONCEPT PLATING CO., LTD.	101/62/13 MOO. 20 NAVA				THAILAND	(02) - 529 - 431			(02) - 529 - 432		
ADVANCED RESEARCH MANUFACTURING C	14/1 PATTANAKRN 20 YEK				THAILAND						

Record: 1 No Filter Search

Form View Num Lock

# Job Flow - RO Accept

Caribbean

Home Create External Data Database Tools Acrobat

CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW CALOPERATE\_INST\_ITEM imcbone\_cal\_received\_order IMC\_CAL\_CUSTOMER IMC\_CAL\_MONITOR **RO\_ACCEPT**

## RO\_ACCEPT

rono:  sale\_id:

customer\_id:  status:

receive\_date:  ro\_followup\_date:

rodue\_date:

Navigation Pane

RO\_ACCEPT

job_type_id	cal_plan_date	cert_no	item_id	TYPE	brand_id	model_id	serial_no	iden_no	assembled_from	doc_status	lab_id
<input type="text"/>	<input type="text"/>	<input type="text"/>	16750	PRESSURE &	HKS	0.0-10.0kg/c	1234	4567	<input type="text"/>	RECEIVED	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Record: 1 of 1 No Filter Search

Form View Num Lock

# Job Flow - Job Dispatch

Caribbean

Home Create External Data Database Tools Acrobat

CALOPERATE\_CAL\_PLAN\_RECALL\_VIEW TBS\_CAL\_NOTIFY\_VIEW CALOPERATE\_INST\_ITEM imcbone\_cal\_received\_order IMC\_CAL\_CUSTOMER IMC\_CAL\_MONITOR RO\_ACCEPT

## RO\_ACCEPT

rono: 4/12 sale\_id: Panida T.

customer\_id: AB FOOD & BEVERAGES (THAILAND) LTD status: RECEIVED

receive\_date: 14-Mar-12 ro\_followup\_date:

rodue\_date: 21-Mar-12

LAB. Accept

Navigation Pane

RO\_ACCEPT

job_type_id	cal_plan_date	cert_no	item_id	TYPE	brand_id	model_id	serial_no	iden_no	assembled_from	doc_status	lab_id
			16750	PRESSURE &	HKS	0.0-10.0kg./d	1234	4567		RECEIVED	

Record: 1 of 1 No Filter Search

Form View Num Lock

# Job Flow - Cert Doc no. Control

Caribbean

Home Create External Data Database Tools Acrobat

[CALOPERATE\\_CAL\\_PLAN\\_RECALL\\_VIEW](#)
[TBS\\_CAL\\_NOTIFY\\_VIEW](#)
[CALOPERATE\\_INST\\_ITEM](#)
[imcbone\\_cal\\_received\\_order](#)
[IMC\\_CAL\\_CUSTOMER](#)
[IMC\\_CAL\\_MONITOR](#)
[RO\\_ACCEPT](#)
[cal\\_certno](#)

## CERT. RUNNING CREATOR

DETAIL CATEGORY:  MANUAL RUNNING FROM:   
 PREFIX:  TO:  [GEN MANUAL](#)  
 SUFFIX:  AUTO RUNNING NO FROM LAST:  [GEN AUTO](#)

running_no	cert_no	ro_id	detail_id	issue_date	issue_by	created_date	create_by	cat_id
1000	MC12-1000					12-Mar-12	pual	CHEMICAL
1001	MC12-1001					12-Mar-12	pual	CHEMICAL
1002	MC12-1002					12-Mar-12	pual	CHEMICAL
1003	MC12-1003					12-Mar-12	pual	CHEMICAL
1004	MC12-1004					12-Mar-12	pual	CHEMICAL
1005	MC12-1005					12-Mar-12	pual	CHEMICAL
1006	MC12-1006					12-Mar-12	pual	CHEMICAL
1007	MC12-1007					12-Mar-12	pual	CHEMICAL
1008	MC12-1008					12-Mar-12	pual	CHEMICAL
1009	MC12-1009					12-Mar-12	pual	CHEMICAL
1010	MC12-1010					12-Mar-12	pual	CHEMICAL
1011	MC12-1011					12-Mar-12	pual	CHEMICAL
1012	MC12-1012					12-Mar-12	pual	CHEMICAL
1013	MC12-1013					12-Mar-12	pual	CHEMICAL
1014	MC12-1014					12-Mar-12	pual	CHEMICAL
1015	MC12-1015					12-Mar-12	pual	CHEMICAL

Record: 1 Unfiltered Search

Form View Num Lock



# Job Flow - Cal. Notify

Caribbean

Home Create External Data Database Tools Acrobat

TBS\_CAL\_NOTIFY\_VIEW CALOPERATE\_INST\_ITEM imcbone\_cal\_received\_order IMC\_CAL\_CUSTOMER IMC\_CAL\_MONITOR RO\_ACCEPT cal\_certno **IMC\_CAL\_NOTIFY**

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu Sign On Sign Off INST. CODE  SEARCH CAL NOTIFY VIEW

	RO NUMBER	CUSTOMER	CERT_NO:	INST. NAME:	SERIAL_NO:	doc_status	CAL_PLAN_ DATE:	DUE DATE:
Gen / ViewReport	2/12	AGRO FIBER		TEMPERATURE CONTROLLER	103204035	CALIBRATIN		
Gen / ViewReport	2/12	AGRO FIBER		INTERNAL PRESSURE	0817	DISPATCH		
Gen / ViewReport	2/12	AGRO FIBER		TEMPERATURE CONTROLLER	103204035	DISPATCH		

Navigation Pane

Record: 1 of 3 No Filter Search

Form View Num Lock

# Job Flow - Test Report Input

Caribbean

Home Create External Data Database Tools Acrobat

TBS\_CAL\_NOTIFY\_VIEW CALOPERATE\_INST\_ITEM imcbone\_cal\_received\_order IMC\_CAL\_CUSTOMER IMC\_CAL\_MONITOR RO\_ACCEPT ca\_certno IMC\_CAL\_NOTIFY **Test Report**

**BRIDGESTONE**  
Your Journey, Our Passion **NONGHAE PLANT**

Goto Menu Sign On Sign Off TEST REPORT PREVIEW CALIBRATOR SUBMIT

**TEST REPORT**

INST. CODE: BES2-PG-05 BRAND / MAKER: NKS SERIAL NO: 7431404 CAL. BY:   
 INST. NAME: PRESSURE GAUGE MODEL: 0.0-10.0kgf/cm RESOLUTION: 0.1 CAL. LAB:   
 ACTION WORK: WITH OUT ADJUSTMENT COND. INST PART: RELAY TEST WITHOUT ADJUST ADJUSTMENT / REPAIR / IMPR   
 DESCRIPTION WORK: WI: RELAY SET POINT: RELAY SET POINT:   
 DETAIL OF WORK: REMARK: NO JUDGEMENT: NO JUDGEMENT: NO JUDGEMENT: NO JUDGEMENT:

ITEM IS TEMPLATE

MTS3-05 - PRESSURE GAUGE

Record: 1 of 1 No Filter Search

STANDARD SOURCE				CALIBRATION AND WITHOUT ADJUSTMENT				ADJUSTMENT DATA / REPAIR / IMPROVEMENT							
Function :	Range	CH.	CAL POINT	SETTING	UUC	ERROR	JUDGEMENT	OUTPUT	ERROR	JUDGEMENT	UUC	ERROR	JUDGEMENT	OUTPUT	ERR
Pressure Measurmer	15 --- kgf/cm <sup>2</sup> - 20 %	1	3.00	3.00	3.0	0.0	OK				3.0	0.0	OK		

Record: 1 of 1 Filtered Search

Form View Num Lock Filtered

# Job Flow - Test Report Input cont.

Caribbean

Home Create External Data Database Tools Acrobat

TBS\_CAL\_NOTIFY\_VIEW CALOPERATE\_INST\_ITEM imcbone\_cal\_received\_order IMC\_CAL\_CUSTOMER IMC\_CAL\_MONITOR RO\_ACCEPT cal\_certno IMC\_CAL\_NOTIFY **Test Report**

**BRIDGESTONE**  
Your Journey, Our Passion **NONGKHAE PLANT**

Goto Menu Sign On Sign Off TEST REPORT PREVIEW CALIBRATOR SUBMIT

TEST REPORT

Record: 1 of 1 No Filter Search

STANDARD SOURCE										CALIBRATION AND WITHOUT ADJUSTMENT			ADJUSTMENT DATA / REPAIR / IMPROVEMENT				
Function :		Range	CH.	CAL POINT	SETTING	CALIBRATION DATA			ACCESSORY OUTPUT SIGNAL			CALIBRATION DATA			ACCESSORY OUTPUT		
						UUC	ERROR	JUDGEMENT	OUTPUT	ERROR	JUDGEMENT	UUC	ERROR	JUDGEMENT	OUTPUT	ERROR	
Pressure Measurer	15 --- kgf/cm <sup>2</sup> - 20 %	1	3.00	3.00	3.0	0.0	OK					3.0	0.0	OK			
Pressure Measurer	15 --- kgf/cm <sup>2</sup> - 40 %	1	6.00	6.00	5.9	0.1	OK					5.9	0.1	OK			
Pressure Measurer	15 --- kgf/cm <sup>2</sup> - 60 %	1	9.00	9.00	9.0	0.0	OK					9.0	0.0	OK			
Pressure Measurer	15 --- kgf/cm <sup>2</sup> - 80 %	1	12.0	12.0	13.0	-1.0	OK					12.5	-0.5	OK			
Pressure Measurer	15 --- kgf/cm <sup>2</sup> - 100 %	1	15.0	15.0	13.0	2.0	NG					14.0	1.0	OK			

Record: 1 of 5 No Filter Search

Form View Num Lock Filtered

# Job Flow - Test Report .

## CALIBRATION & INSPECTION REPORT

ENGINEERING DEPARTMENT / THAI BRIDGESTONE NONGKHAE PLANT

SECTION : P.5

M/C NAME : BES2-PG-05

NM-113	LEADER	CAL. BY

APPROVE:

**BRIDGESTONE**

### PLACE USED & DESCRIPTION PART

INST. NAME : PRESSURE GAUGE

MAKER : NKS

INST. CODE : BES2-PG-05

MODEL : 0.0-10.0kgf/cm

SERIAL No : 7431404

TOLERANCE : 1.5 Fixed Value

RANGE USE : 0.0 to 10 kg/cm<sup>2</sup>

INPUT SIG. :

OUTPUT SIG. :

### EQUIPMENT STANDARD USED

STD. NAME : PRESSURE GAUGE

MAKER : OSAKA

INST CODE : MTSS-05

MODEL : SUS316

SERIAL No. : 61056001

DUE DATE : 2011.10

CERT. No :

### DESCRIPTION INST. WORK

CALIBRATED BY :

CAL. DATE :

WI :

DUE DATE : 2006.03

CA. METHOD :

FUNCTION TEST : Presure Measurement

STANDARD SOURCE			CALIBRATION AND WITHOUT ADJUSTMENT						ADJUSTMENT DATA / REPAIR / IMPROVEMENT					
CAL POINT kg/cm²	SETTING kg/cm²		CALIBRATION DATA			ACCESSORY OUTPUT SIGNAL			CALIBRATION DATA			ACCESSORY OUTPUT SIGNAL		
			UUC	ERROR	JUDGE MENT	OUTPUT	ERROR	JUDGE MENT	UUC	ERROR	JUDGE MENT	OUTPUT	ERROR	JUDGE MENT
	3.00	3.00	3.0	0.0	OK				3.0	0.0	OK			
	6.00	6.00	5.9	0.1	OK				5.9	0.1	OK			
	9.00	9.00	8.9	0.1	OK				8.9	0.1	OK			

# Job Flow - Test Report Cont.

DESCRIPTION INST. WORK													
CALIBRATED BY:						CAL. DATE :							
WI:						DUE DATE: 2006.03							
CA. METHOD :													
FUNCTION TEST : <u>Pressure Measurement</u>													

STANDARD SOURCE			CALIBRATION AND WITHOUT ADJUSTMENT						ADJUSTMENT DATA / REPAIR / IMPROVEMENT					
CAL. POINT kg/cm <sup>2</sup>		SETTING kg/cm <sup>2</sup>	CALIBRATION DATA			ACCESSORY OUTPUT SIGNAL			CALIBRATION DATA			ACCESSORY OUTPUT SIGNAL		
			UUC	ERROR	JUDGE MENT	OUTPUT	ERROR	JUDGE MENT	UUC	ERROR	JUDGE MENT	OUTPUT	ERROR	JUDGE MENT
	3.00	3.00	3.0	0.0	OK				3.0	0.0	OK			
	6.00	6.00	5.9	0.1	OK				5.9	0.1	OK			
	9.00	9.00	9.0	0.0	OK				9.0	0.0	OK			
	12.0	12.0	13.0	-1.0	OK				12.5	-0.5	OK			
	15.0	15.0	13.0	2.0	NG				14.0	1.0	OK			

HISTORY RECORD FOR ANALYSIS CALIBRATION PLAN

PERIOD PLAN : 12 MONTH

MAXIMUM\_ERROR

DETAILS OF WORK:

CLOSE REPORT

REJECT.

SIGNATURE

APPROVE BY.: 26386

DATE:

26386

APPROVED RESULT

