

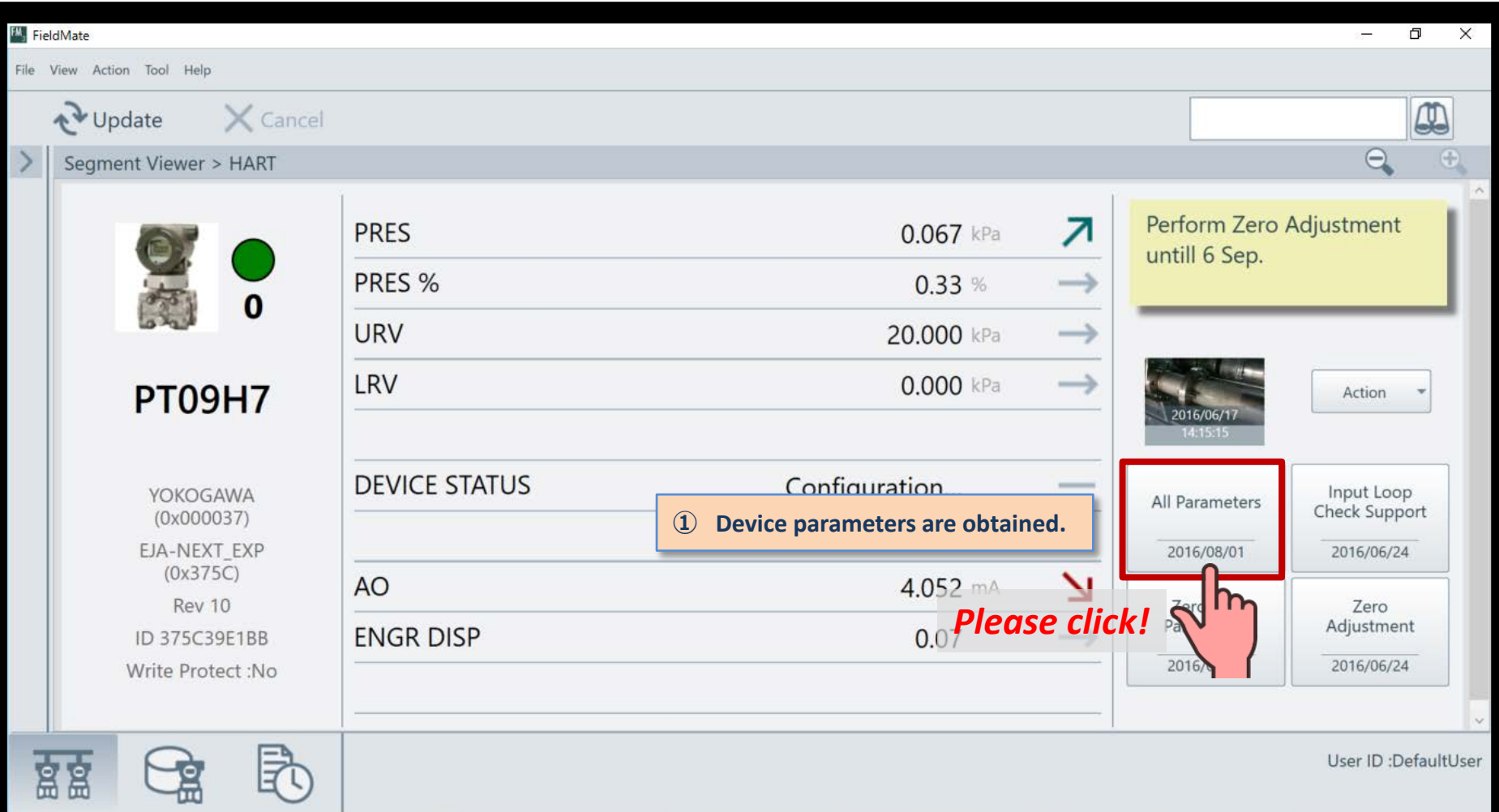
About making report with FieldMate

FieldMate obtains and stores device parameters.

FieldMate can make a report by stored parameters.



FieldMate connects and communicates with target device.

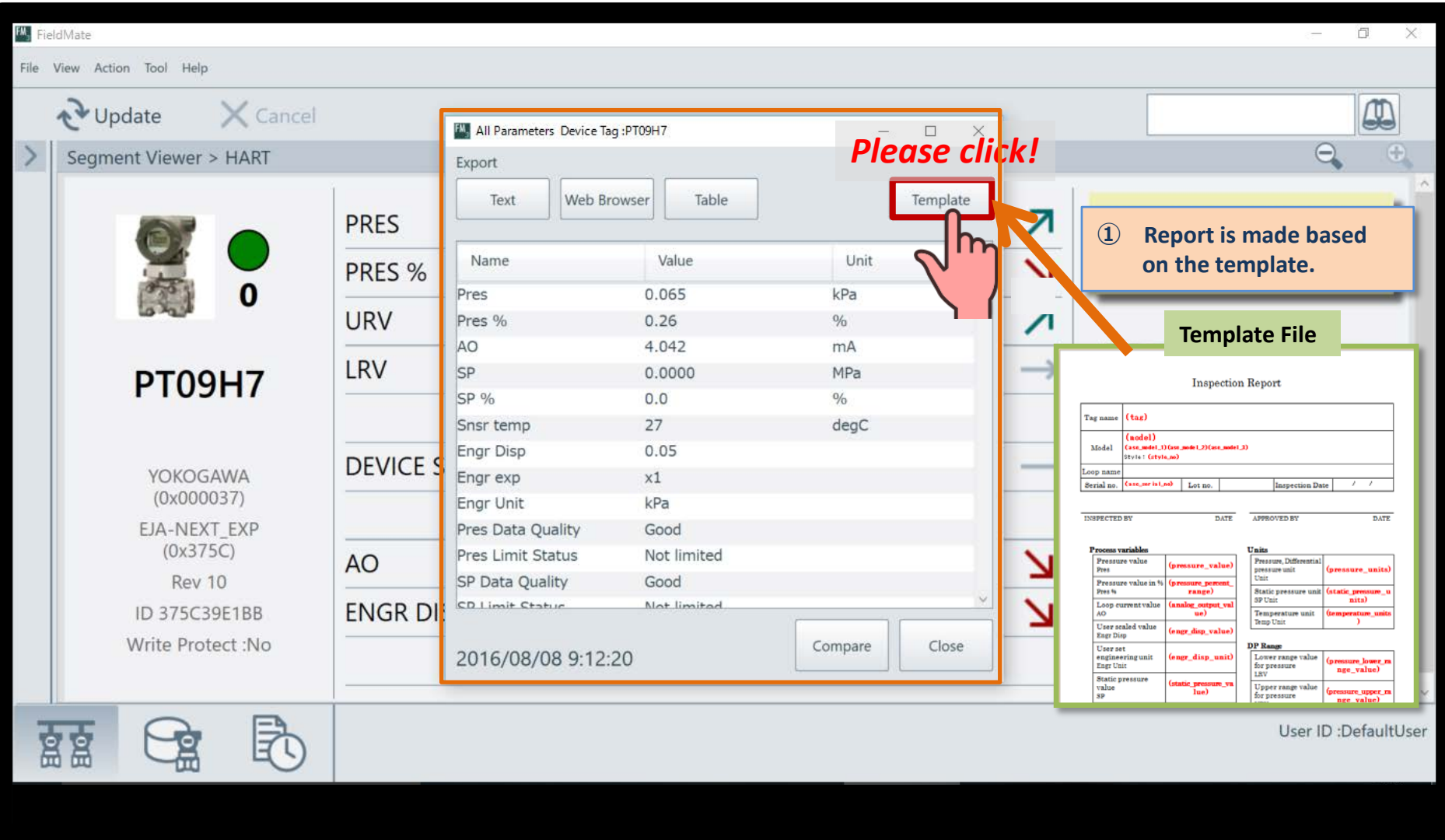


The screenshot shows the FieldMate software interface. On the left, a device icon and a green status indicator are shown next to the device ID **PT09H7**. Below this, the device details are listed: YOKOGAWA (0x000037), EJA-NEXT_EXP (0x375C), Rev 10, ID 375C39E1BB, and Write Protect :No. The main panel displays a table of parameters:

Parameter	Value	Unit	Icon
PRES	0.067	kPa	↗
PRES %	0.33	%	→
URV	20.000	kPa	→
LRV	0.000	kPa	→
DEVICE STATUS			
Configuration			
AO	4.052	mA	↘
ENGR DISP	0.07		→

A yellow notification box at the top right states: "Perform Zero Adjustment until 6 Sep." Below it, a small image shows a device with a timestamp of 2016/06/17 14:15:15. A red box highlights the "All Parameters" button, which has a timestamp of 2016/08/01. A hand icon points to this button with the text "Please click!". An orange callout box with a circled '1' says "Device parameters are obtained." The bottom right corner shows "User ID :DefaultUser".

**Obtained parameters are displayed.
Report is made by using these parameters.**



The screenshot shows the FieldMate software interface. A dialog box titled 'All Parameters Device Tag :PT09H7' is open, showing an 'Export' menu with options: Text, Web Browser, Table, and **Template**. A hand icon points to the 'Template' button with the text 'Please click!'. To the right, a callout box says '① Report is made based on the template.' and another box shows a 'Template File' which is an 'Inspection Report' form with various fields and tables.

Export Dialog Data:

Name	Value	Unit
Pres	0.065	kPa
Pres %	0.26	%
AO	4.042	mA
SP	0.0000	MPa
SP %	0.0	%
Snsr temp	27	degC
Engr Disp	0.05	
Engr exp	x1	
Engr Unit	kPa	
Pres Data Quality	Good	
Pres Limit Status	Not limited	
SP Data Quality	Good	
SP Limit Status	Not limited	

Inspection Report Template:

Inspection Report

Tag name: (tag)

Model: (model)
Style: (static_model)

Loop name: (loop_name)

Serial no: (serial_no) Lot no: (lot_no) Inspection Date: / /

INSPECTED BY: _____ DATE: _____ APPROVED BY: _____ DATE: _____

Process variables	Units
Pressure value (pressure_value)	Pressure: Differential pressure unit (pressure_units)
Pressure value in % Pres % (pressure_percent_range)	Unit
Loop current value AO (analog_output_value)	Static pressure unit (static_pressure_unit)
User scaled value Engr Disp (enr_disp_value)	SP Unit (sp_unit)
User set engineering unit Engr Unit (enr_disp_unit)	Temperature unit (temperature_unit)
Static pressure value sp (static_pressure_value)	DP Range: Lower range value for pressure LRV (pressure_lower_range_value)
	Upper range value for pressure (pressure_upper_range_value)

User ID :DefaultUser

Example of making report with FieldMate

Inspection Report

Tag name	PT09H7				
Model	EJA530 A EJA530J-JAS2M-015DL/A/MAMA Style: 1.00				
Loop name					
Serial no.	91S223457	Lot no.		Inspection Date	/ /

INSPECTED BY

DATE

APPROVED BY

DATE

Process variables

Pressure value Pres	0.065kPa
Pressure value in % Pres %	0.26%
Loop current value AO	4.042mA
User scaled value Engr Disp	0.05
User set engineering unit Engr Unit	kPa
Static pressure value SP	0.0000MPa
Static pressure value in % SP %	0.0%

Units

Pressure, Differential pressure unit Unit	kPa
Static pressure unit SP Unit	MPa
Temperature unit Temp Unit	degC

DP Range

Lower range value for pressure LRV	0.000kPa
Upper range value for pressure URV	25.000kPa
Lower sensor limit for pressure LSL	-100.000kPa



Obtained parameters display in a report.

Inspection Report

Tag name	PT09H7		
Model	EJA530 A EJA530J-JAS2N-015DL/A/N4AAA Style: 1.00		
Loop name			
Serial no.	91S223457	Lot no.	Inspect

INSPECTED BY	DATE	APPROVED BY
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Process variables		Units	
Pressure value Pres	0.065kPa	Pressure, Differ	
Pressure value in % Pres %	0.26%	pressure unit	
Loop current value AO	4.042mA	Unit	
User scaled value Engr Disp	0.05	Static pressur	
User set engineering unit Engr Unit	kPa	SP Unit	
		Temperature unit	degC
		Temp Unit	
		DP Range	
		Lower range value for pressure	0.000kPa

Obtained parameters

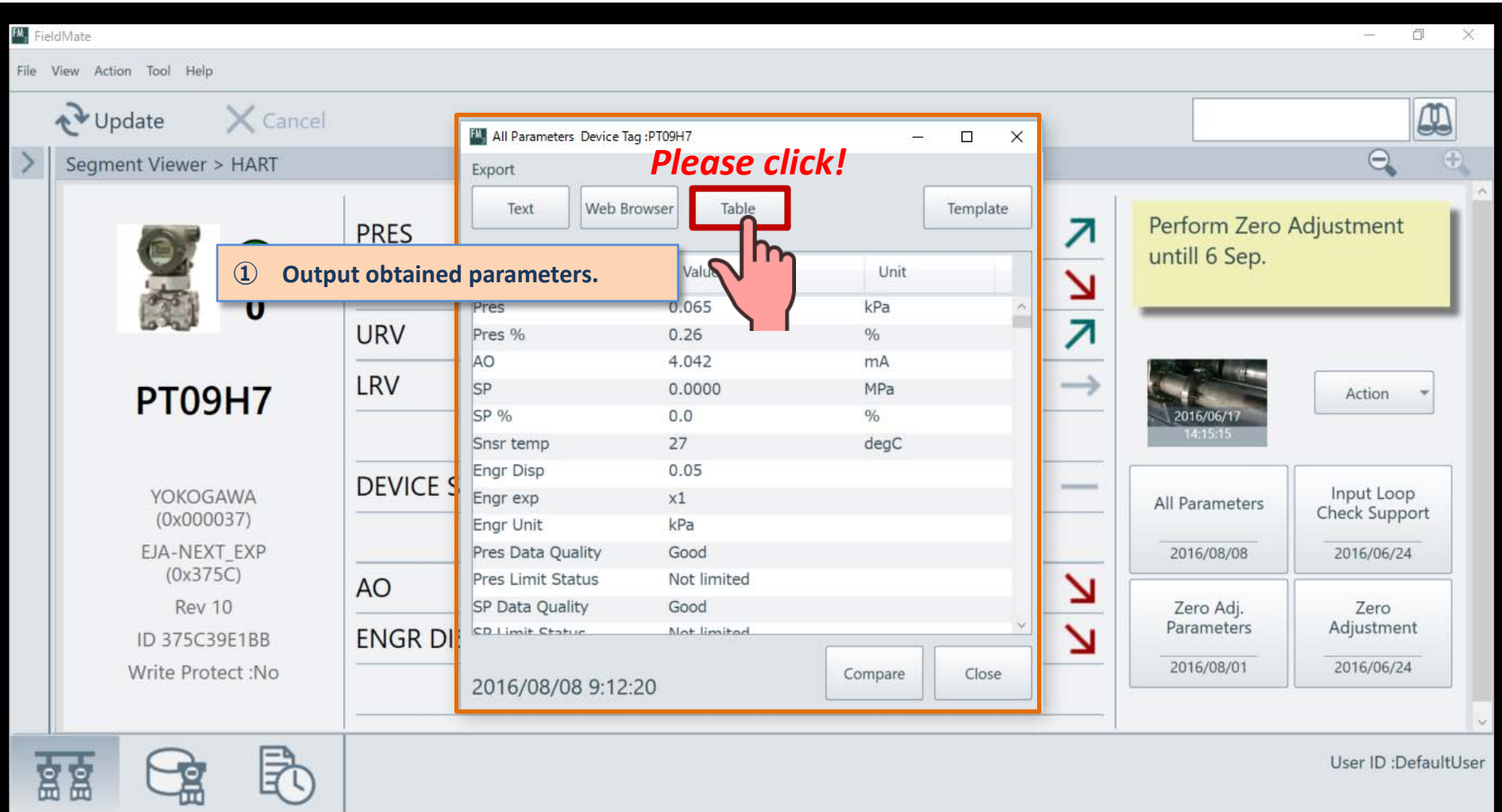
Name	Value	Unit
Pres	0.065	kPa
Pres %	0.26	%
AO	4.042	mA
SP	0.0500	MPa
SP %	0.0	%
Snsr temp	27	degC
Engr Disp	0.05	
Engr exp	x1	
Engr Unit	kPa	
Pres Data Quality	Good	
Pres Limit Status	Not limited	
SP Data Quality	Good	
SP Limit Status	Not limited	

[APPENDIX]
About template file



Thank you for your attention.

How to make a template file for report. Getting ID for template from obtained parameters.



FieldMate

File View Action Tool Help

Update Cancel

Segment Viewer > HART

PT09H7

YOKOGAWA (0x000037)
EJA-NEXT_EXP (0x375C)
Rev 10
ID 375C39E1BB
Write Protect :No

DEVICES

AO ENGR DI

Export

Please click!

Text Web Browser **Table** Template

	Value	Unit
Pres	0.065	kPa
Pres %	0.26	%
AO	4.042	mA
SP	0.0000	MPa
SP %	0.0	%
Snsr temp	27	degC
Engr Disp	0.05	
Engr exp	x1	
Engr Unit	kPa	
Pres Data Quality	Good	
Pres Limit Status	Not limited	
SP Data Quality	Good	
SP Limit Status	Not limited	

2016/08/08 9:12:20

Compare Close

Perform Zero Adjustment until 6 Sep.

2016/06/17 14:15:15

Action

All Parameters 2016/08/08

Input Loop Check Support 2016/06/24

Zero Adj. Parameters 2016/08/01

Zero Adjustment 2016/06/24

User ID :DefaultUser

The following table is made from obtained parameters.
ID is shown inside dotted frame of data that is displayed in the table.

	A	B	C	D	E
1	Parameter		2016/8/8 9:12		
2					
3	Name	Symbol	Value	Unit	ID
4	Pres	pressure_value	0.065	kPa	(pressure_value)
5	Pres %	pressure_percent_range	0.26	%	(pressure_percent_range)
6	AO	analog_output_value	4.042	mA	(analog_output_value)
7	SP	static_pressure_value	0.0000	MPa	(static_pressure_value)
8	SP %	static_pres_percent	0.0	%	(static_pres_percent)
9	Snsr temp	snsr_temp_value	27	degC	(snsr_temp_value)
10	Engr Disp	engr_disp_value	0.05		(engr_disp_value)
11	Engr exp	engr_exp	x1		(engr_exp)
12	Engr Unit	engr_disp_unit	kPa		(engr_disp_unit)
13	Pres Data Quality	pressure_data_quality	Good		(pressure_data_quality)
14	Pres Limit Status	pressure_limit_status	Not limited		(pressure_limit_status)
15	SP Data Quality	static_pressure_data_quality	Good		(static_pressure_data_quality)
16	SP Limit Status	static_pressure_limit_status	Not limited		(static_pressure_limit_status)
17	Temp Data Quality	temperature_data_quality	Good		(temperature_data_quality)
18	Temp Limit Status	temperature_limit_status	Not limited		(temperature_limit_status)
19	Percent Range Data Quality	percent_range_data_quality	Good		(percent_range_data_quality)
20	Percent Range Limit Status	percent_range_limit_status	Not limited		(percent_range_limit_status)
21	Loop Current Data Quality	loop current data quality	Good		(loop current data quality)

① ID for template



**IDs are entered in the template of report.
Each IDs are replaced with the parameter values.**

Inspection Report

Tag name	(tag)			
Model	(model) (asc_model_1)(asc_model_2)(asc_model_3) Style: (style_no)			
Loop name				
Serial no.	(asc_serial_no)	Lot no.		Inspection Date / /

INSPECTED BY	DATE	APPROVED BY	DATE
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Process variables

Pressure value Pres	(pressure_value)
Pressure value in % Pres %	(pressure_percent_range)
Loop current value AO	(analog_output_value)
User scaled value Engr Disp	(engr_disp_value)
User set engineering unit Engr Unit	(engr_disp_unit)
Static pressure	

Units

Pressure, Differential pressure unit Unit	(pressure_units)
Static pressure unit SP Unit	(static_pressure_units)
Temperature unit Temp Unit	(temperature_units)

DP Range

Lower range value for pressure LRV	(pressure_lower_range_value)
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Return to start page

