About making report with FieldMate

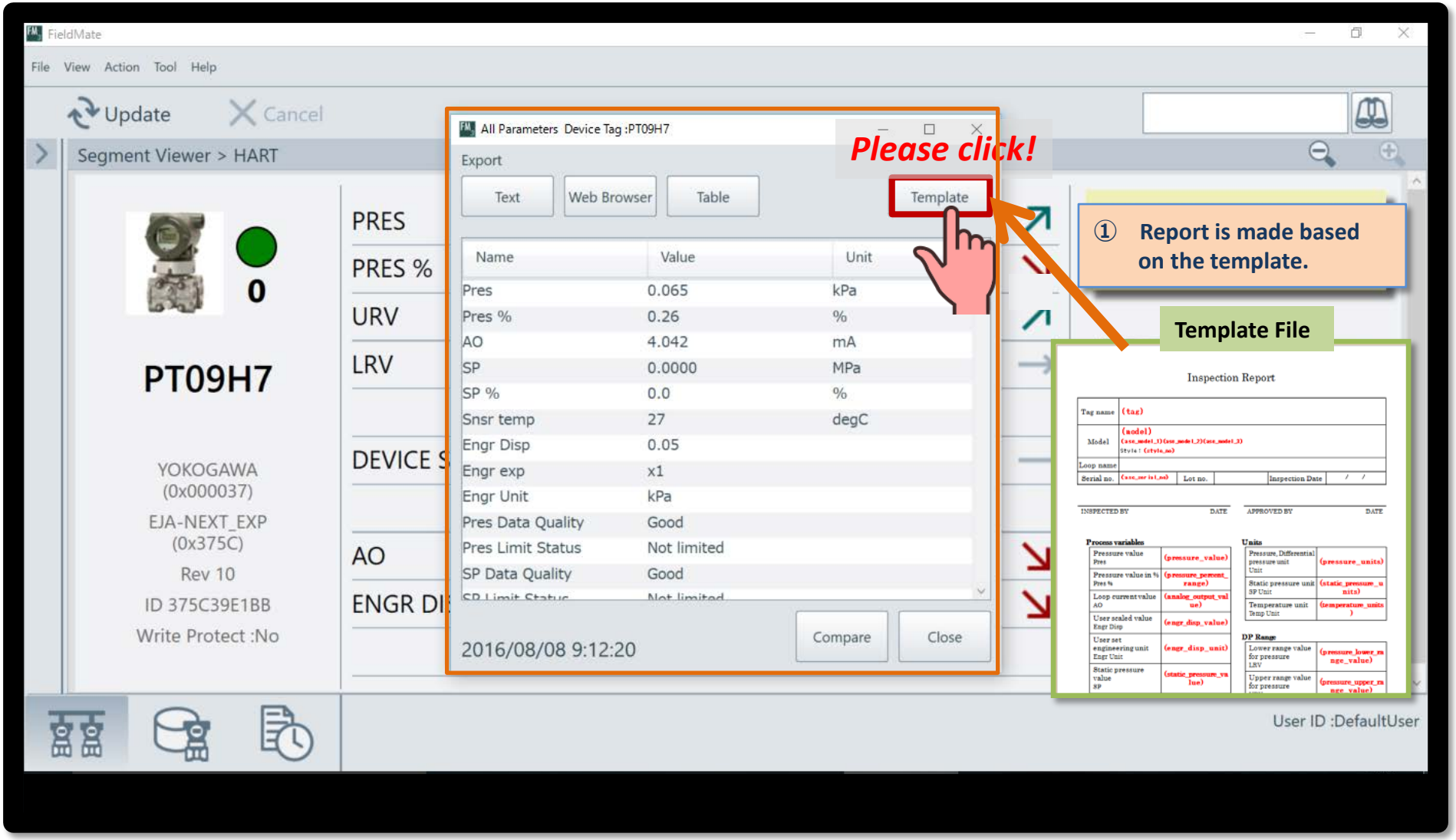
FieldMate obtains and stores device parameters.

FieldMate can make a report by stored parameters.

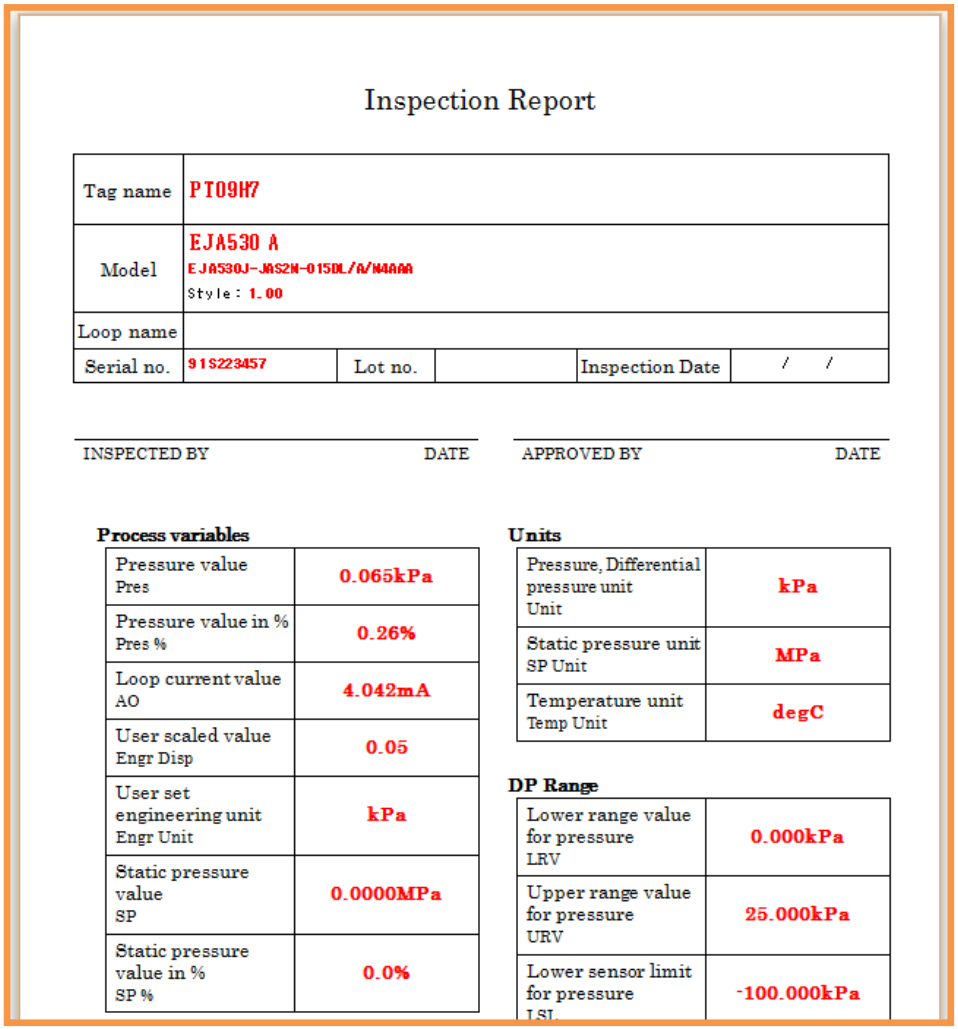
Next

FieldMate connects and communicates with target device.

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



Example of making report with FieldMate



Inspection Report

Tag name	PT09H7				
Model	EJA530 A EJA530J-JAS2N-015DL/A/W4AAA 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

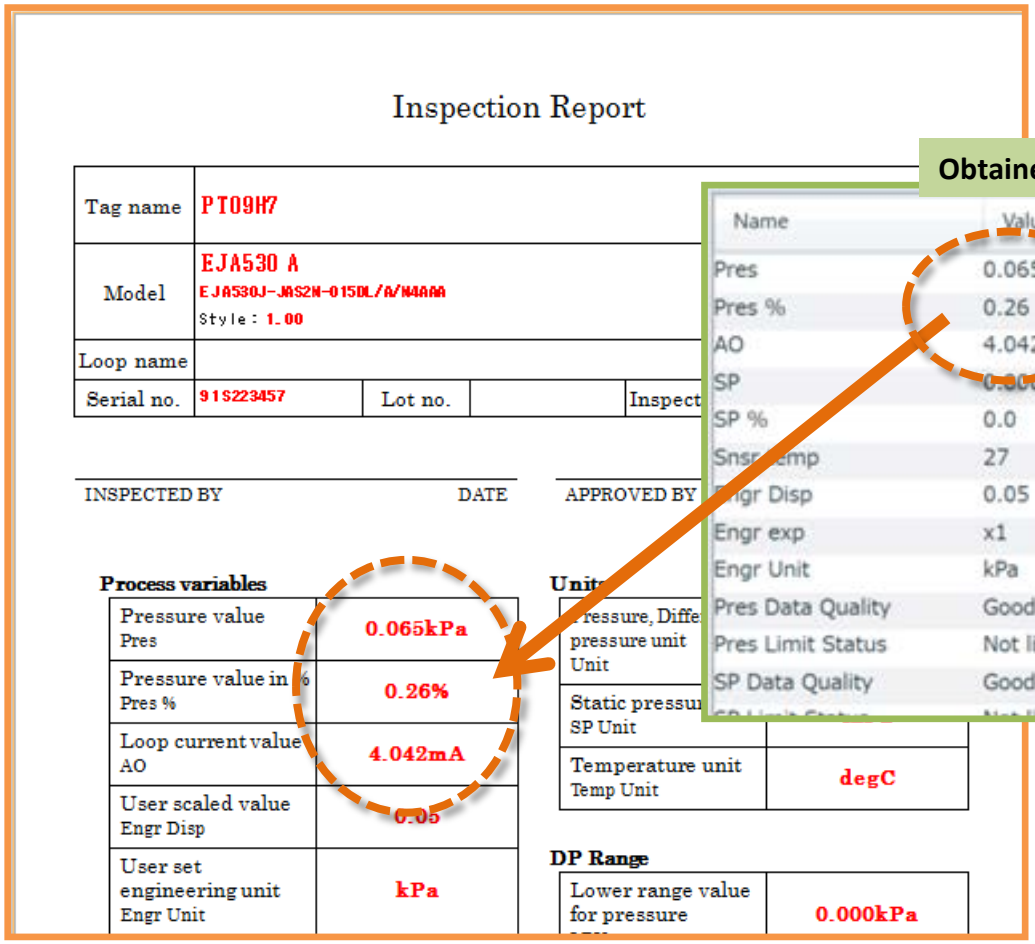
Pressure, Differential pressure unit Unit	kPa
Static pressure unit SP Unit	MPa
Temperature unit Temp Unit	degC

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

Next

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

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

Unit

Pressure, Diffe pressure unit Unit	
Static pressu SP Unit	
Temperature unit Temp Unit	degC

DP Range

Lower range value for pressure	0.000kPa

Obtained parameters

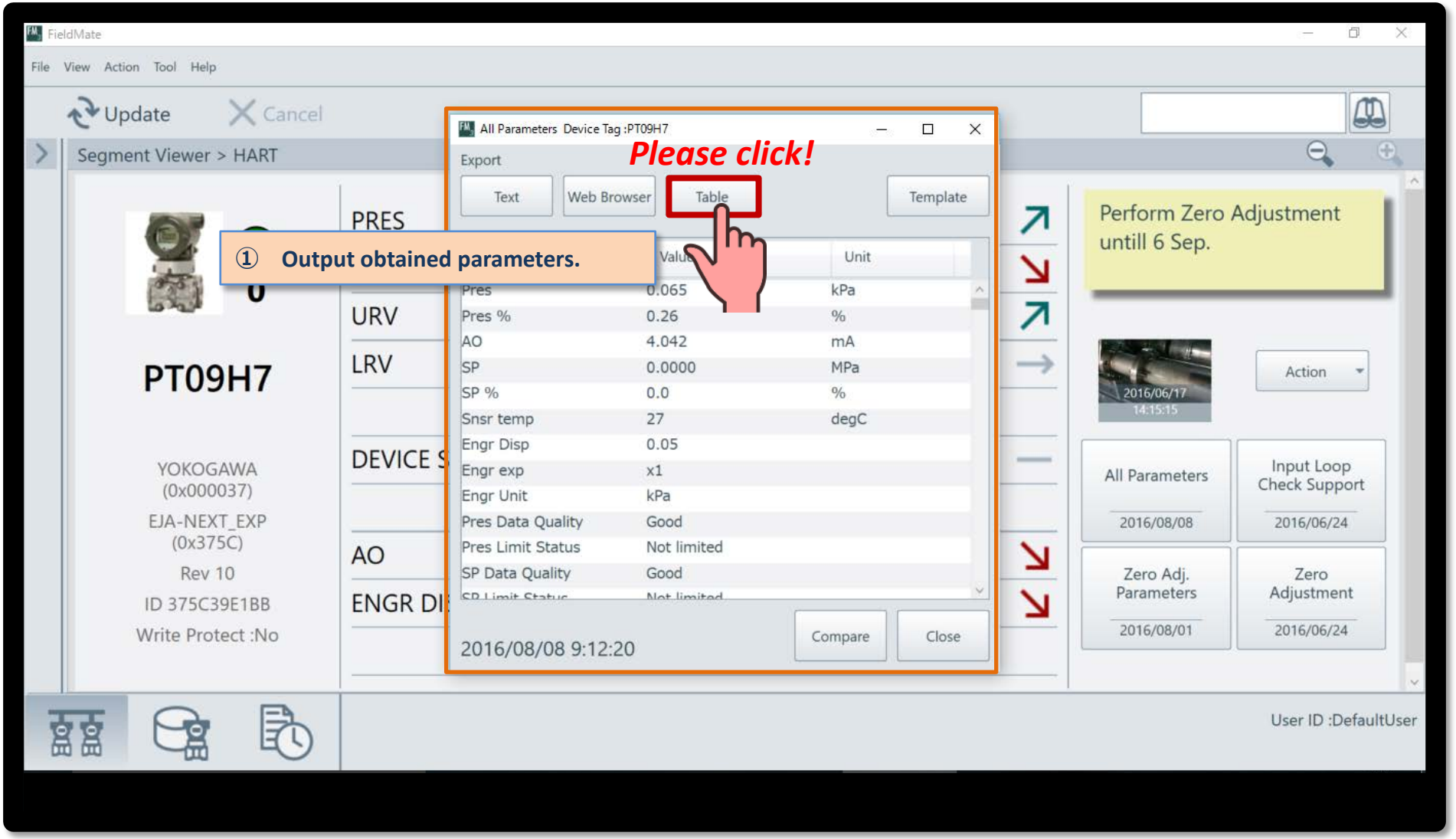
Name	Value	Unit
Pres	0.065	kPa
Pres %	0.26	%
AO	4.042	mA
SP	0.0000	MPa
SP %	0.0	%
Snsr Temp	27	degC
Engr Disp	0.05	
Engr exp	x1	
Engr Unit	kPa	
Pres Data Quality	Good	
Pres Limit Status	Not limited	
SP Data Quality	Good	

Thank you for your attention.

【APPENDIX】
About template file

Next

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



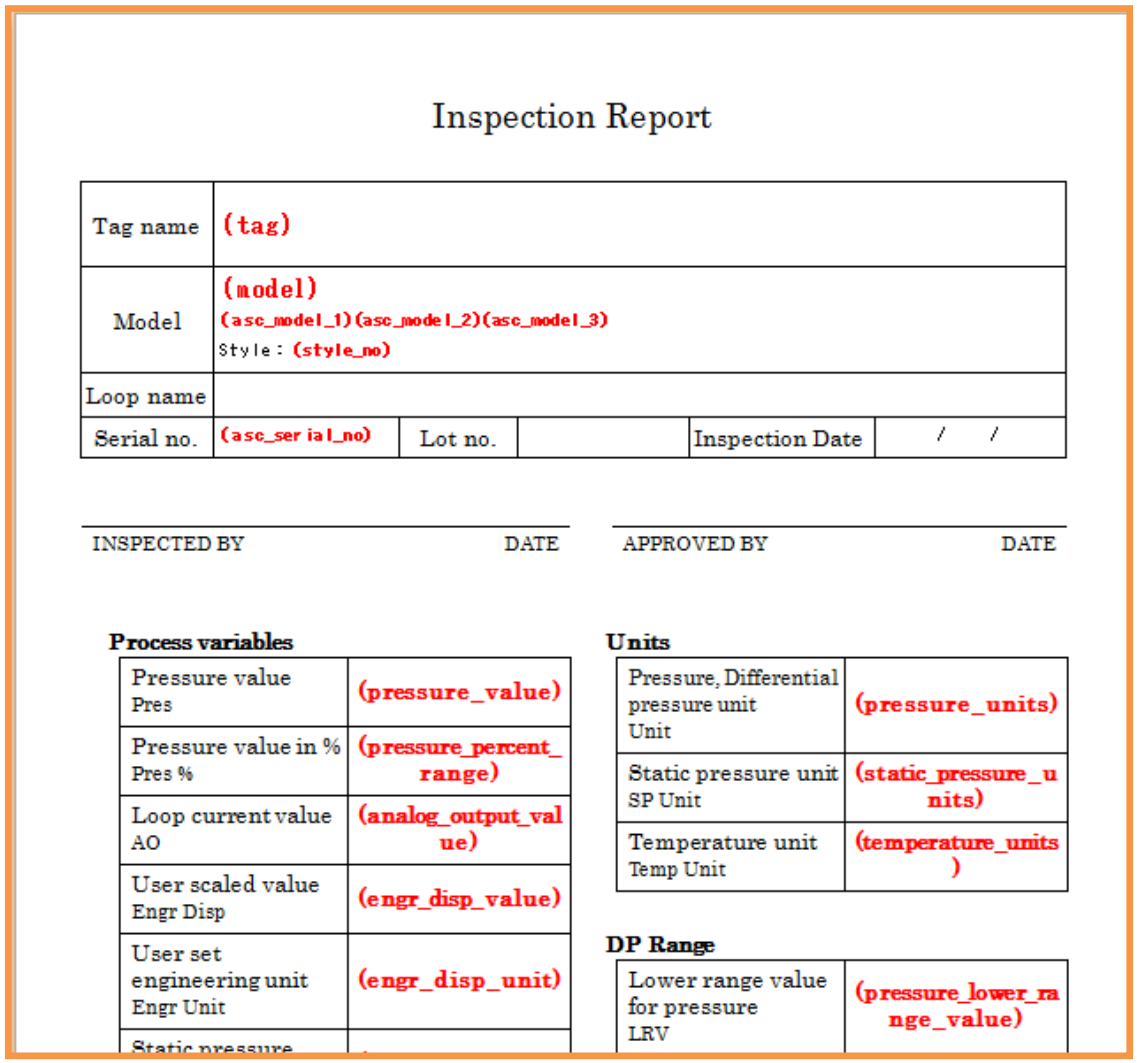
The following table is made from obtained parameters.
ID is shown inside dotted frame of data that is displayed in the table.

	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

Next

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

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)

Return to start page