



NIPPON KAIJI KYOKAI

TYPE APPROVAL CERTIFICATE FOR AUTOMATIC DEVICES AND EQUIPMENT

Certificate No. TA18506M

This is to certify that the undernoted product(s) has/have been approved in accordance with the requirements specified in Chapter 1, Part 7 of “Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use” and the relevant Society's Rules.

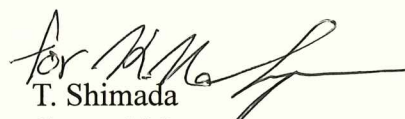
This certificate is issued to

Manufacturer: **Trafag AG**
Place of Manufacturing: **Industriestrasse 11, CH-8608 Bubikon, Switzerland**
Product description: **Pressure Transmitter**
Model: **NAE 8256**

Approval No.: **07A018**
Valid until: **19 June 2023**

This certificate is subject to the conditions specified in the attached sheet(s).

Issued at Tokyo on 29 October 2018


T. Shimada
General Manager
Machinery Department

Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.

Specification & documents:

1. Particulars:

Power supply: 24(9-36)V DC

Signal output: 4-20mA DC

Measuring range: 0-10 to 0-600 bar

2. Components and reference drawings:

Sensor	Type	Documents
Pressure Transmitter	NAE 8256	Data sheet H72305g, H73303l, B54860f, C21580i, C22102u

3. Documentation and Test Reports:

Test Report V-0663	(29-6-2006)
EMCKP796A	(30-6-2006)
Vibration Test Report V-0613	(21-2-2006)
ENL Test Report 20061027.A05.01	(10-4-2006)
ENL Test Report 20061129.A02.01	(6-7-2006)
Test Report V-0664	(28-6-2006)
Test Report V-14087	(16-2-2015)
EMCKP2447.1A	(15-9-2014)
ENL Test Report 20141145.A02.01	(13-10-2014)

- To be continued -

Test items & approval conditions:

1. Test items:

(Applied testing items are marked with X.)

ENVIRONMENTAL TESTS		Mark
External examination		X
Operation test and performance test		X
Electric power supply failure test		X
Power supply fluctuation test	Electric	X
	Pneumatic and Hydraulic	--
Insulation resistance test		X
High voltage test		X
Pressure test (Pneumatic and Hydraulic)		X
Dry heat test (Temperature 125°C × 16 hours)		X
Damp heat test		X
Vibration test (Acceleration ±4g × 2 hours)		X
Inclination test		--
Cold test (Temperature -25°C × 16 hours)		X
Salt mist test		--
Electrostatic discharge immunity test		X
Radiated radio frequency immunity test		X
Conducted low frequency immunity test		X
Conducted high frequency immunity test		X
Burst / Fast transient immunity test		X
Surge immunity test		X
Radiated emission test		X
Conducted emission test		X
Flame retardant test		--

2. Approved condition:

The product is not allowed to be installed in the bridge and open deck.