



OIML Member State
Czech Republic

OIML Certificate No.
R117/2007-B-CZ1-2019.01

OIML CERTIFICATE ISSUED UNDER SCHEME B

OIML Issuing Authority

Name: **Czech Metrology Institute**
Address: Okružní 31
638 00 Brno
Czech Republic
Person responsible: Jan Kalandra

Applicant

Name: **Beijing Sanki Petroleum Technology Co.,Ltd.**
Address: Sixth Boxing Road,Economic-Techn. Devel. Area
100 176 Beijing
China

Manufacturer

Name: **Beijing Sanki Petroleum Technology Co.,Ltd.**
Address: Sixth Boxing Road,Economic-Techn. Devel. Area
100 176 Beijing
China

Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

Fuel dispenser
type: SK series

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 117, Edition: 2007

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report and test reports:

No. 041/17 that includes 1 page,

No. 6015-PT-P3035-17 that includes 40 pages,

No. 8551-PT-E0122-18 that includes 1 page,

No. 8553-PT-S1026-18 that includes 3 pages.

The technical documentation relating to the identified type is contained in documentation file:

No. 041/17 dated 15. May 2017.

OIML Certificate History

Revision No.	Date	Description of the modification

The OIML Issuing Authority

RNDr. Pavel Klenovský

Director General



Date: 14. January 2019

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

Measuring device description

The SK series fuel dispensers are designed for measurement of a liquid fuel volumes and are used for the refuelling of motor vehicles.

This certificate covers all of the types of SK series. All of them consist of the same components and differ only in frame construction and design that don't influence a metrological function.

The SK measuring systems consist at least of a pipes, pumping unit with incorporated gas separator (optional), non-return valve, measuring transducer consisting of a positive displacement measurement sensor and pulse transmitter, solenoid valve, electronic calculator with indicating device, keypad (optional), sight glass (optional) and hose with dispensing nozzle representing a transfer point.

Components

Pumping unit with gas separator	GP-50B(C)
Measuring sensor	FM-500D
Pulser	Tocel B-TY9
Calculating / indicating device	I2
Hose	XFY/HG/T3037-2008/3/M/LT/25/1.6; DN 1"; 5 m XFY/HG/T3037-2008/3/M/LT/19/1.6; DN 3/4"; 5 m

Basic technical and metrological data

Pattern designation	SK
Max. flow rate Q_{max} [L/min]	80
Min. flow rate Q_{min} [L/min]	5
Min. measured quantity MMQ [L]	5
Accuracy class	0.5
Liquids	Gasoline, Diesel, Kerosene
Liquid temperature range [°C]	-5 to 35
Ambient temperature range [°C]	-25 to +55
Maximum pressure [MPa]	0.30
Minimum pressure [Mpa]	0.12
Environmental classes	M1, E1, H3
Measurement unit	Volume [L]
Type of display:	electronic
Scale interval of the indication [L]	0.01
Approved software versions	SK01V1.00(1)