



**BUREAU
VERITAS**

ATTESTATION OF TECHNOLOGY QUALIFICATION

No HST/18/01758

MANUFACTURER: COLVEN S.A.
PRODUCT SERIAL NO.: VIGIA NM 269
PRODUCT DESCRIPTION: NM 269 AUTOMATIC TIRE PRESSURE SYSTEM
TECHNOLOGY READINESS LEVEL: TRL 6 – FIELD QUALIFIED (SYSTEM INSTALLED)

BUREAU VERITAS declares that after having examined the technical documentation, witnessed the functional tests and assessed the technology readiness of:

VIGIA NM 269 - AUTOMATIC TIRE PRESSURE SYSTEM

that the product was found to be:

TRL 6 – FIELD QUALIFIED (SYSTEM INSTALLED)

in general accordance with the terms of Technology Qualification Methodology described in the Technology Qualification Report# 18318-105001.01-01 Rev. 0.

The product key characteristics are provided in Annex 1 and the list of components is provided in Annex 2. This Attestation is based on the results of the technology qualification assessment and technical / quality management documents presented in the Technology Qualification Report# 18318-105001.01-01 Rev. 0. This Attestation will become invalid if there is any major change on the individual components of NM 269 listed in Annex 2, or on the manufacturing conditions of the product.

This Attestation expires on 15th August 2023.

For and on behalf of BUREAU VERITAS
Houston, August 15th, 2018

FLAVIA REZENDE

Director of Operations for Risk, Verification and Safety
Bureau Veritas North America



ANNEX 1:

NM 269 - KEY CHARACTERISTICS

Function:	NM 269 automatically regulates tire calibration by maintaining predetermined tire pressure, when the vehicle is in motion or stopped. In the event of tire punctures / leaks, the system automatically inflates the tire to the predetermined tire pressure and alerts the driver.
External dimensions:	135 mm. (5 5/16") x 120 mm. (4 23/32") x 100 mm. (3 15/16").
Working voltage:	12-24 V
Compatibility:	Capable to command one pressure
Alarm:	Visual LED Indicator to notify the air loss



ANNEX 2:

NM 269 - LIST OF COMPONENTS

System	Part Number	Description
NM269	X2431.A045-0	Blocking Valve
NM269	X1419.A200-3	Air Filter
NM269	X2490.A083-0	System Status Indicator
NM269	X2490.A068-1	269 Module (1 pressure ports, 12V)
NM269	X2490.A067-2	269 Module (1 pressure ports, 24V)
NM269	P2690.0005-0	Solenoid Valve (1 pressure ports, 12V)
NM269	P2690.0004-1	Solenoid Valve (1 pressure ports, 24V)
NM269	X2442.A238-0	Internal Piping
NM269	X2442.A203-7	Internal Rotor
NM269	X2442.A122-7	Inflating Valves (length 50cm)
NM269	X2442.A123-9	Inflating Valves (length 30cm)
NM269	X2442.A192-2	Inflating Valves (length 40cm)