

CERTIFICATE



Industrie Service

Name of Applicant / Manufacturer:



TUNING Sarl

Address:

281 Avenue Pierre et Marie Curie ZI Nord – BP
80015 13655 ROGNAC Cedex France

The products satisfy the following requirements:

Leakage measurement in accordance with the type test set forth in EN 14432:2014

- Number of cycles: 1000 at RT without pressure and 10 at RT with 6 bar, conforming to section 7.5, EN 14432:2014
- Test pressure: 6 bar
- The required surface pressure in the sealing system is reached when the product is assembled in accordance with the operating manual
- Visual verification of the required surface pressure set forth in the operating manual
- Specified seal materials: composite sealing (e.g. TFM1600, TFM4215) for seat and plastic sealing (e.g. PTFE) for stem packing
- surface roughness, dimensions, shape and position tolerances in accordance with drawings

The products fulfils the requirements regarding pneumatic leak testing in according with EN 14432:2014, Section 7.4, not exceed Rate A as defined in EN 12266-1:2012, Table A.5:

- No visually detectable leakage for the duration of the test
- Test medium: gas
- No air bubbles

Description of test valves:

Type (according to applicant's drawings)	Pressure Rating	Td	Body material	Seat Materials	Size (tested)	Size (qualified)
200925, 201925, 200928	1000WOG(PN63)	-29°C ~ 200°C	CF8M/CF8/WCB	TFM1600	1/4" and 3"	1/4" to 3"
200930, 201930, 200932EX, 200933, 200940, 201940, 200943, 200932, 200942, 200931, 201941, 200941	1000WOG(PN63)		CF8M/CF8/WCB	TFM1600	1/4" and 4"	1/4" to 4"
200458, 200455, 200924, 201458, 200456, 201924	1000WOG(PN63)		CF8M/CF8/WCB	TFM1600	1/2" and 2"	1/2" to 2"
200950, 200952, 201950, 201952, 200951, 201951	PN16-40 / Class 150		1.4408/1.0619/WCB	TFM1600	DN15 and DN100	DN15 to DN100
200965, 200968, 201968	Class150		CF8M/CF8/WCB	TFM1600	1/2" and 8"	1/2" to 8"
200966, 200969	Class300		CF8M/CF8/WCB	TFM1600	1/2" and 8"	1/2" to 8"
200961, 200964, 201961, 201964, 200960, 200963	PN16- PN40		1.4408/1.0619	TFM1600	DN15 and DN200	DN15 to DN200
200955, 200956, 200957, 200958	PN16- PN40		1.4408/1.0619	TFM1600	DN15 and DN150	DN15 to DN150
200934, 201934, 200936EX, 200944, 201944, 200936, 200946, 200935, 201945, 200945	2000WOG(PN130)		CF8M/CF8/WCB	TFM4215	1/4" and 1"	1/4" to 1"
200934, 201934, 200936EX, 200944, 201944, 200936, 200946, 200935, 201945, 200945	1500WOG(PN100)		CF8M/CF8/WCB	TFM4215	1-1/4" and 2"	1-1/4" to 2"

The valve assembly pneumatic tightness test and cyclic test on above valves have been conducted for above mentioned manufacturer and witnessed by TÜV SÜD Engineer according to requirements of EN 14432:2014.

The valve qualification shall be limited to similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal, etc.

Guangzhou, Apr., 19th, 2016

(Place, date)

Mr. Jianlin Li

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