

MID Verification number:

A0001 -2026

Production lot information

Production work order:	2597.001	
Production year:	2026	
Quantity:	1000	
Serial number	from:	PB1250040097
	to:	PB1250041096
Product code:	INMGV170203	
Product description:	RS1.2IND-SV	
Product family:	RS1.2IND-SV	
G-value:	RS1.2IND-SV G1.6	
Cyclic volume:	1.2	dm ³
Accuracy class:	1.5	
EU type ex certificate nr:	I-2142-MI002-TG038	

This document describe and report all the activities that must be carried out for the MID verification of gas meter

Marking and packaging conformity verification

<input type="checkbox"/>	Packaging specification	PFDB/JIB/019
<input checked="" type="checkbox"/>	Packaging conformity verification according with packaging specification	
<input type="checkbox"/>	Name plate drawing	0015
<input checked="" type="checkbox"/>	Marking conformity verification according with name plate drawing	
<input checked="" type="checkbox"/>	Metrological seals presence verification	

Metrological conformity verification

Test conditions:

Temperature: 20.3 °C
 Humidity: 63.2 %
 Pressure: 937.5 mbar

MID verification date: 05-01-2026

Operator name: Ananya
 Test bench serial number: 1
 Sampling quantity: 24

Before proceeding with the metrological verification, perform a leakage test of the equipment

Pos	Meter serial number	Q min				0,2 Qmax				Qmax			
		Ref volume [m3]	MUT volume [m ³]	Error [%]	Δp peak [mbar]	Ref volume [m3]	MUT volume [m ³]	Error [%]	Δp mean [mbar]	Ref volume [m3]	MUT volume [m ³]	Error [%]	Δp mean [mbar]
1	PB1250040241	0.01005	0.0100	-0.50%	0.56	0.09993	0.1000	0.07%	0.59	0.10020	0.1000	-0.20%	0.81
2	PB1250040289	0.00987	0.0100	1.32%	0.62	0.09987	0.1000	0.13%	0.63	0.1003	0.1000	-0.30%	0.92
3	PB1250040290	0.01010	0.0100	-0.99%	0.55	0.09998	0.1000	0.02%	0.64	0.10039	0.1000	-0.39%	0.92
4	PB1250040312	0.01003	0.0100	-0.30%	0.57	0.09969	0.1000	0.31%	0.59	0.10008	0.1000	-0.08%	0.88
5	PB1250040318	0.01007	0.0100	-0.70%	0.54	0.10016	0.1000	-0.16%	0.55	0.10061	0.1000	-0.61%	0.84
6	PB1250040332	0.01027	0.0100	-2.63%	0.53	0.10060	0.1000	-0.60%	0.66	0.10058	0.1000	-0.58%	0.86
7	PB1250040363	0.00996	0.0100	0.40%	0.53	0.09983	0.1000	0.17%	0.68	0.09983	0.1000	0.17%	0.85
8	PB1250040381	0.01016	0.0100	-1.57%	0.53	0.10052	0.1000	-0.52%	0.69	0.10100	0.1000	-0.99%	1.00
9	PB1250040857	0.01014	0.0100	-1.38%	0.39	0.09979	0.1000	0.21%	0.49	0.10045	0.1000	-0.45%	0.96
10	PB1250040858	0.01014	0.0100	-1.38%	0.50	0.10064	0.1000	-0.64%	0.61	0.10099	0.1000	-0.98%	0.94
11	PB1250040865	0.01007	0.0100	-0.70%	0.36	0.09966	0.1000	0.34%	0.48	0.09930	0.1000	0.70%	0.81
12	PB1250040894	0.01002	0.0100	-0.20%	0.36	0.10004	0.1000	-0.04%	0.53	0.10042	0.1000	-0.42%	0.79
13	PB1250040918	0.01012	0.0100	-1.19%	0.48	0.10059	0.1000	-0.59%	0.67	0.10082	0.1000	-0.81%	0.91
14	PB1250040931	0.01004	0.0100	-0.40%	0.49	0.09930	0.1000	0.70%	0.57	0.09989	0.1000	0.11%	0.93
15	PB1250040938	0.01018	0.0100	-1.77%	0.49	0.09992	0.1000	0.08%	0.59	0.10037	0.1000	-0.37%	0.93
16	PB1250040956	0.01015	0.0100	-1.48%	0.52	0.09906	0.1000	0.95%	0.53	0.09935	0.1000	0.65%	0.87
17	PB1250040988	0.01027	0.0100	-2.63%	0.46	0.10018	0.1000	-0.18%	0.47	0.10064	0.1000	-0.64%	0.79
18	PB1250041005	0.01001	0.0100	-0.10%	0.46	0.09985	0.1000	0.15%	0.57	0.10041	0.1000	-0.41%	0.84
19	PB1250041034	0.01022	0.0100	-2.15%	0.51	0.09935	0.1000	0.65%	0.64	0.09999	0.1000	0.01%	0.97
20	PB1250041062	0.01007	0.0100	-0.70%	0.49	0.09957	0.1000	0.43%	0.51	0.1	0.1000	0.00%	0.83
21	PB1250041068	0.01013	0.0100	-1.28%	0.43	0.09964	0.1000	0.36%	0.51	0.10018	0.1000	-0.18%	0.80
22	PB1250041071	0.00996	0.0100	0.40%	0.36	0.09958	0.1000	0.42%	0.46	0.10015	0.1000	-0.15%	0.80
23	PB1250041075	0.01011	0.0100	-1.09%	0.53	0.09976	0.1000	0.24%	0.60	0.10004	0.1000	-0.04%	0.95
24	PB1250041095	0.01003	0.0100	-0.30%	0.41	0.09975	0.1000	0.25%	0.47	0.10038	0.1000	-0.38%	0.82

Single meter check

1) **Meter serial number verification:** All the serial numbers are inside the range
No double serial number

	Q min	0,2 Q max	Q max
2) Pressure absorption verification:	All the meters have the dP inside the limits	All the meters have the dP inside the limits	All the meters have the dP inside the limits

	Q min	0,2 Q max	Q max
3) Error limits verification:	All the meters have the E% inside the limits	All the meters have the E% inside the limits	All the meters have the E% inside the limits

4) **Same sign rule:** No same sign between 0,2 Qmax and Qmax

Number of defective meters:	0
Serial number of the defective meters	

Defect type:	

Production lot validation:

THE PRODUCTION LOT IS ACCEPTED AFTER REPLACEMENT OF ANY DEFECTIVE SERIAL NUMBER

Statistical behaviour



Q min		0,2 Q max		Q max	
E% max	1.32%	E% max	0.95%	E% max	0.70%
E% min	-2.63%	E% min	-0.64%	E% min	-0.99%
E% mean (X)	-0.89%	E% mean (X)	0.12%	E% mean (X)	-0.26%
Scarto tipo (s)	0.04%	Scarto tipo (s)	0.04%	Scarto tipo (s)	0.04%
Maximum permissible error (T)	3.00%	Maximum permissible error (T)	1.50%	Maximum permissible error (T)	1.50%
Maximum permissible error (T)	-3.00%	Maximum permissible error (T)	-1.50%	Maximum permissible error (T)	-1.50%
K	1.89	K	1.89	K	1.89
Condizione da soddisfare 1: $X + K*s \leq T$	-0.81%	Condizione da soddisfare 1: $X + K*s \leq T$	0.19%	Condizione da soddisfare 1: $X + K*s \leq T$	-0.19%
Condizione da soddisfare 1: $X - K*s \leq T$	-0.97%	Condizione da soddisfare 1: $X - K*s \leq T$	0.04%	Condizione da soddisfare 1: $X - K*s \leq T$	-0.34%