

MOCVD

Maker : Nippon SAN SO

Model : UR25K

Vintage : 2011

**Usage : Previous owner used for 2 inch and
6 inch wafer, mainly 6 inch.**

**GaN(n, p contact layer)
and InGaN (active layer)**

Configuration

1. Model : UR25K

2. SN : T108110015

3. Vintage : 2011.09

4. Hydride Lines : NH_3 , SiH_4

5. Alkyl Lines :

1) TMGa1 (500sccm)

2) TMGa2 (500sccm + 1000sccm, dilution line)

3) TMGa3 (50sccm + 1000sccm, dilution line)

4) TMIIn1 (500sccm + 1000sccm, dilution line)

5) TMIIn2 (500sccm + 1000sccm, dilution line)

6) TMAI (200sccm + 1000sccm, dilution line)

7) Cp_2Mg (1000sccm + 1000sccm, dilution line)

MOCVD EQUIPMENT

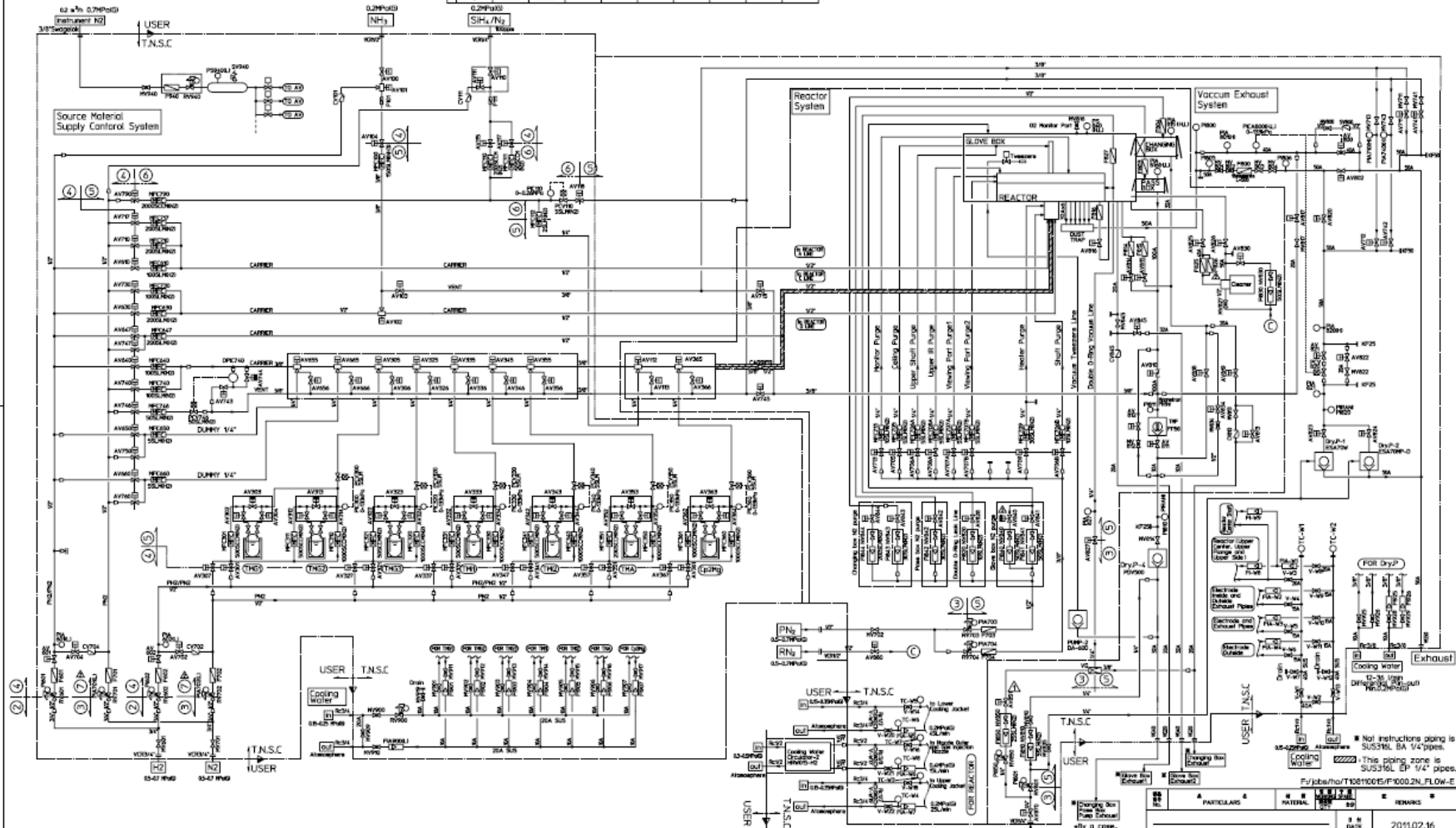
MODEL	UR25K426
SERIAL NO.	T108110015
DATE	2011.9.



TAIYO NIPPON SANSO
The Gas Professionals

△ Tag No. AV851 was corrected. 2011.06.10 YAMAOKA
 △ F826 was added. AV840 was changed to N.O. Pressure of N2 was corrected. 2011.06.17 YAMAOKA

PREMATIC EMERGENCY AUTO STOP VALVE	PREMATIC ON/SHUT 3 OR 4WAY VALVE	PREMATIC ON/SHUT 3 OR 4WAY VALVE	PREMATIC ON/SHUT 3 OR 4WAY VALVE	BUTTERFLY VALVE	PRESSURE CONTROL VALVE	MANUAL SHUT/ON EMERGENCY VALVE	MANUAL BALL VALVE	MASSFLOW CONTROLLER	PRESSURE REGULATOR
SENSOR OR INDICATOR	TURBO MOLLEULAR PUMP	PUMP	ORIFICE	FLOW INDICATOR	NEEDLE VALVE	CHECK VALVE	LINE FILTER	SAFETY VALVE	SOLINOID VALVE

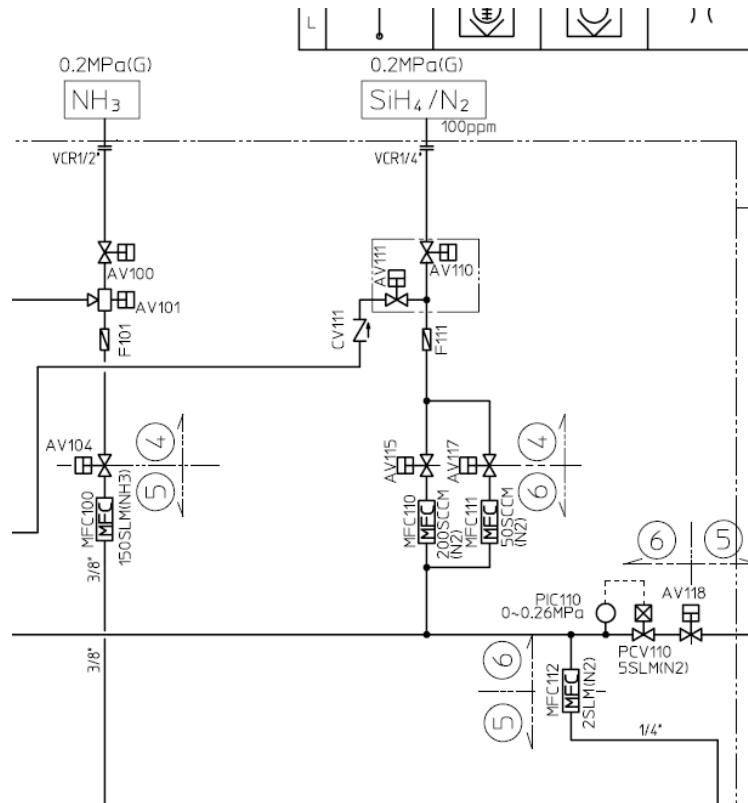
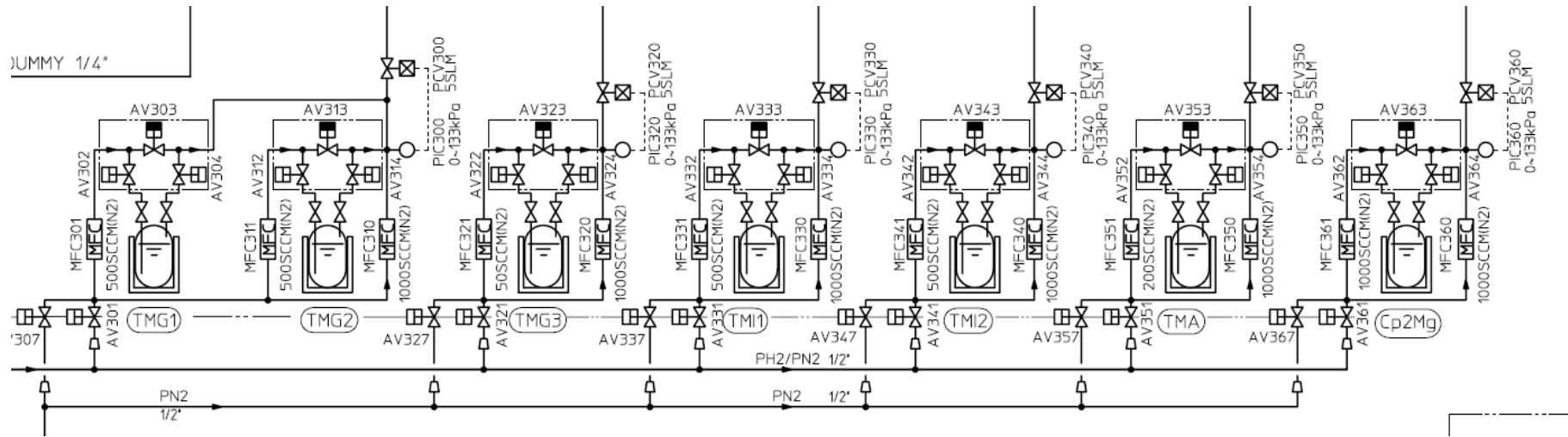


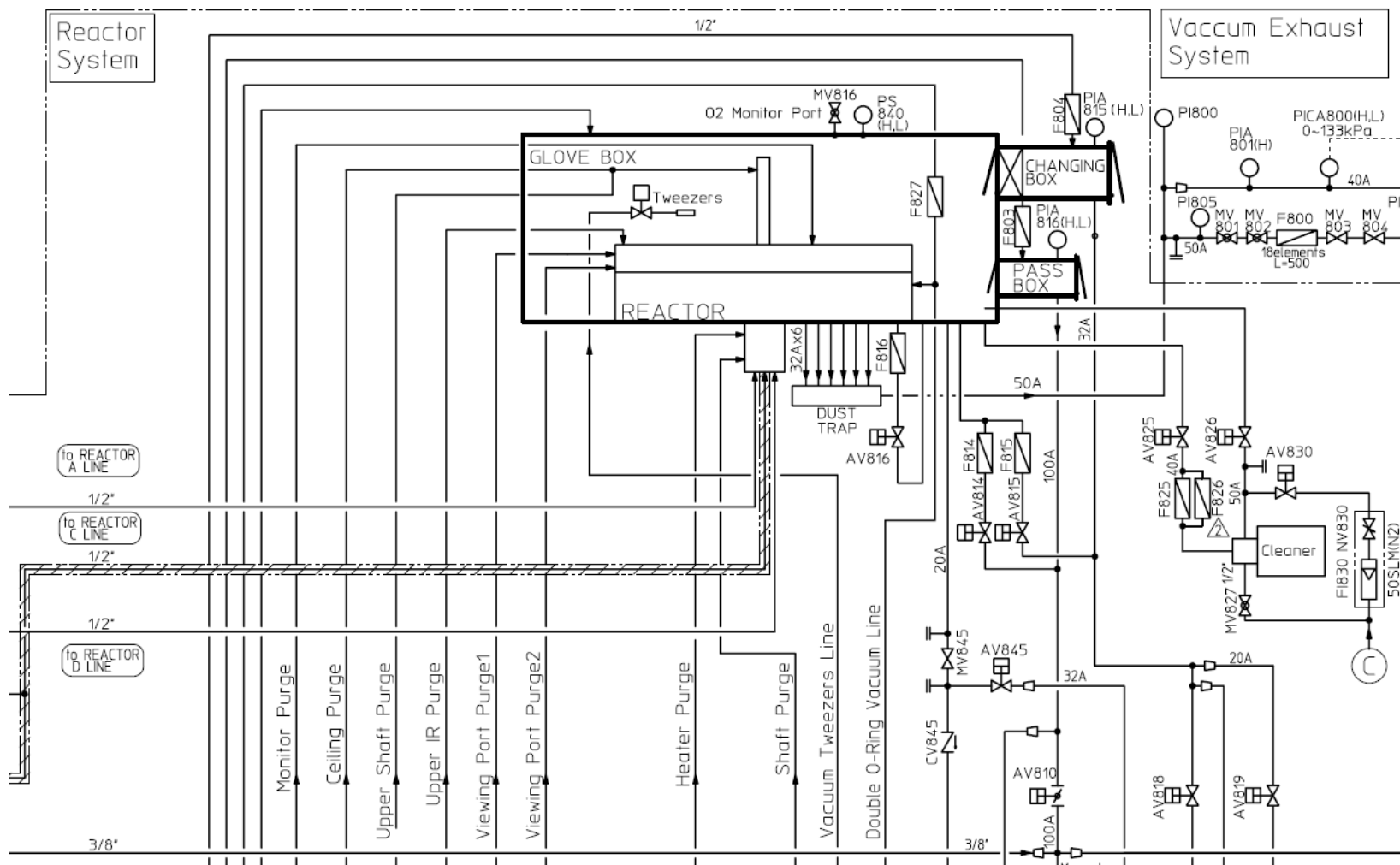
(MFC Max. Flow (Unit:SLM))

Line	H2	N2	NH3	MO
A	100	400	----	----
C	300	100	----	----
D	200	100	150	----

line	①	②	③	④	⑤	⑥	⑦
Pressure	15 MPaG	0.98 MPaG	0.5 MPaG	0.2 MPaG	100 MPaABS	200 MPaABS	0.25 MPaG
Temperature	35 °C	35 °C	35 °C	35 °C	35 °C	35 °C	35 °C

MODEL UR25K426 MOCVD		DATE		2011.02.16
FLOWDIAGRAM		DRAWN		Free
APPROVED	REVISION	NO.	1	T108110015
大陽日酸株式会社 TAITO NIPPON GANDO Corporation		F1000.2N		







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AC100V NEM

AC220V NEM



FROM: JAPAN ELECTRIC
V. 1.0: 1994.12.01
REV. 1.1: 1995.01.01
REV. 1.2: 1995.01.01
REV. 1.3: 1995.01.01

WARNING
Are Flash Hazard.
Appropriate PPE Required.
Failure to Comply Can Result
in Death or Injury.
Refer to NFPA70E.

고압전기안전표지
제품번호: 1000000000
제품명: NIPPON SANSO MOCVD
제조일자: 2011-12-11

유류자산 등록 표시지			
자산번호	KRM00061574	무가동 서랍함	15.11.12
자산명	NIPPON SANSO MOCVD SYSTEM_GIL1100026-1		

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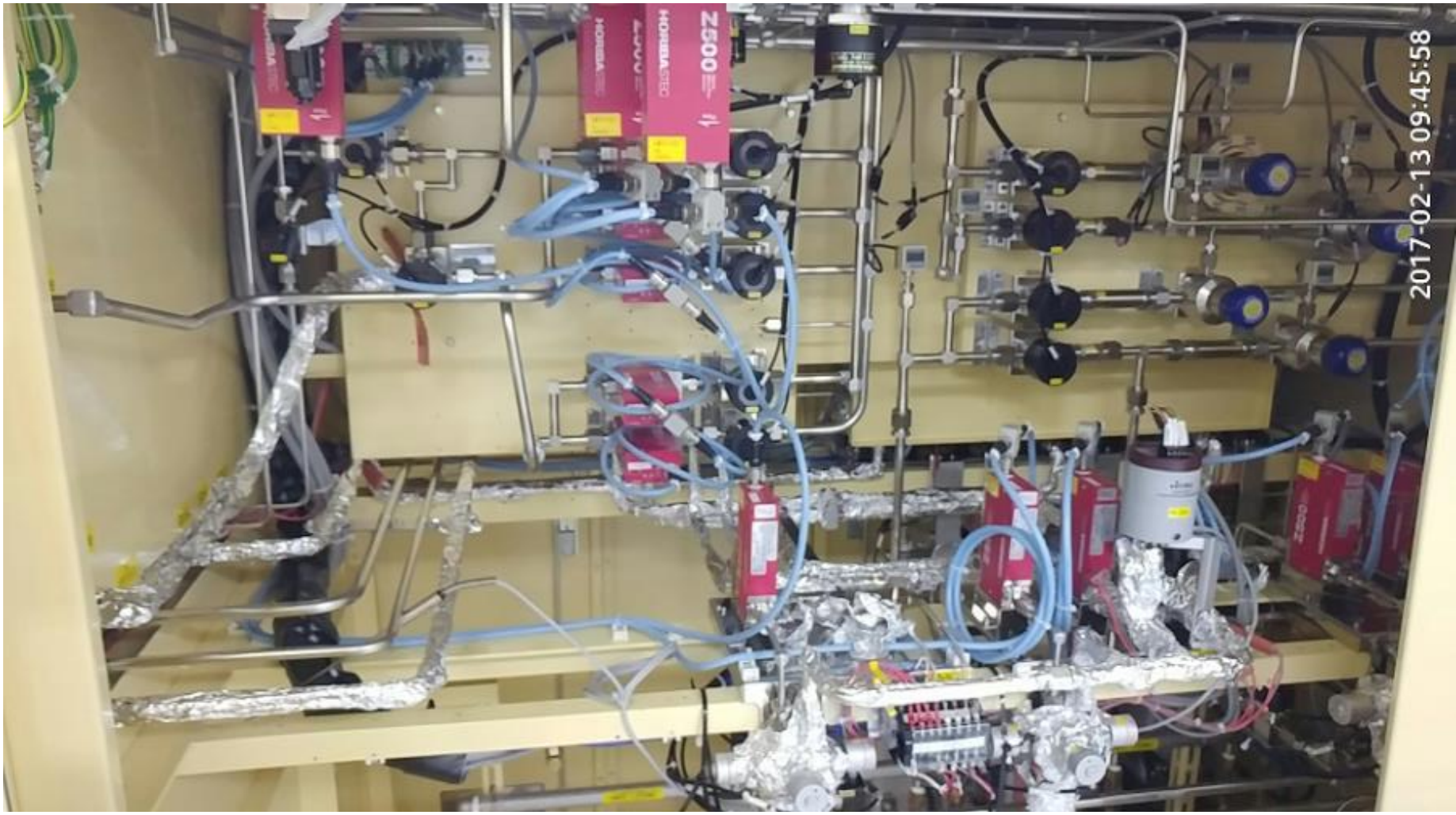


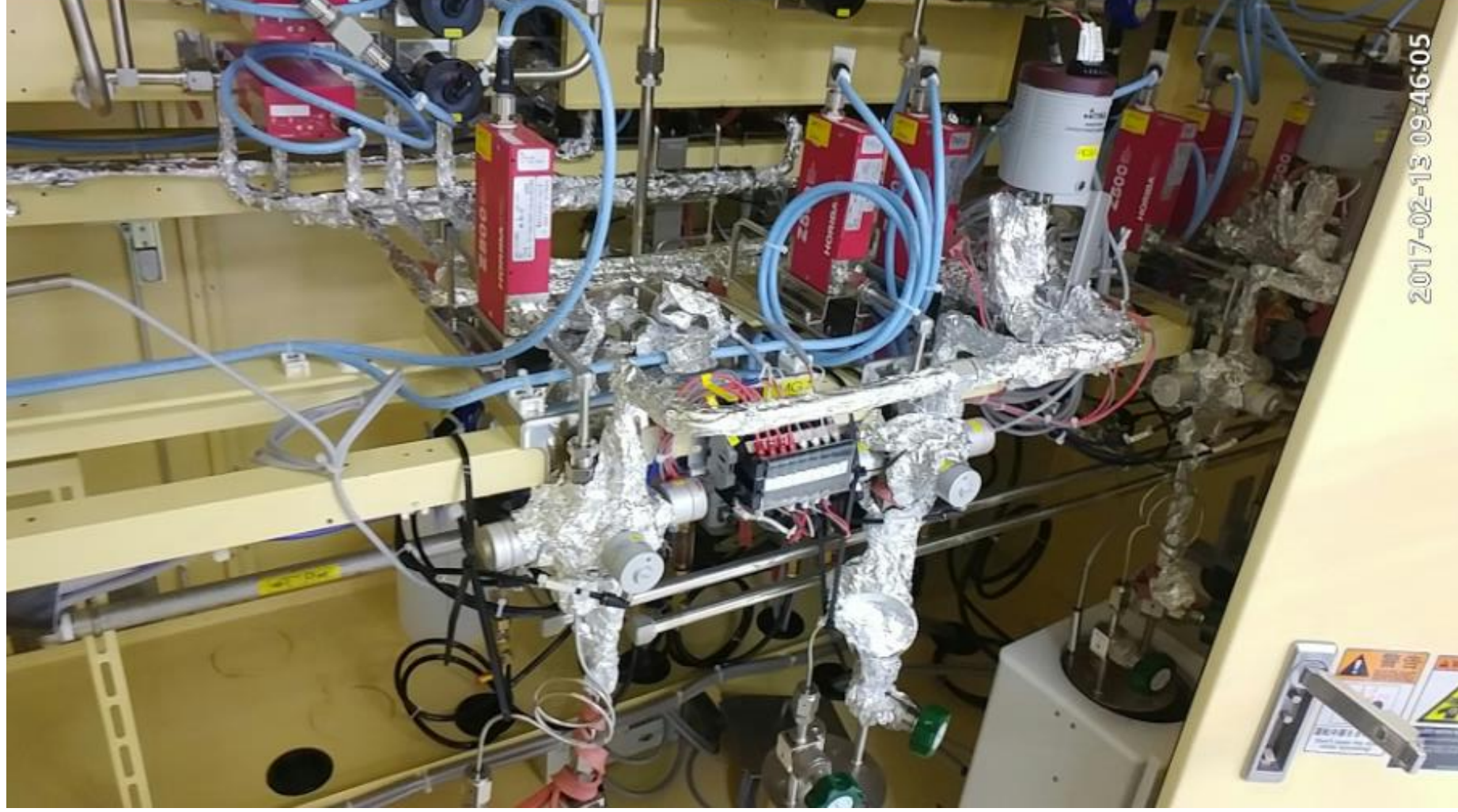
F1 Buzzer Stop
F2 Alarm Reset
F6 Light On

F7
F8
F9
F10
F11

F1
F2
F3
F4
F5
F6

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2017-02-13 09:46:17



장비명	UP25K
LINE명	GN2
설치일	2011.9.26
작업자명	류종기

2017-02-13 09:46:36





2017-02-13 09:47:07

Thank you!