







Solar Turbines

A Caterpillar Company

Solar Turbines Incorporated
4200 Rutlin Road
San Diego, CA 92123
USA

GAS COMPRESSOR

MODEL No.

C61PL07MAS-0512

ASSEMBLY P/N

3W141-C3W141-A1

SERIAL No.

G6110134

PURCHASE ITEM NO.

NA

CRITICAL SPEED RPM
(CALCULATED)

1ST

3250

2ND

CRITICALLY
DAMPED

3RD

10,500

SPEEDS, CONTINUOUS RPM

MIN.

3900

MAX.

7,000

TRIP

105% MAX.

ALLOWABLE TEMP. (GAS)

MIN.

-20°F/-29°C

MAX.

350°F/177°C

OPERATING PRES.

SUCTION:

508.40 psia

DISCHARGE:

1268.40 psia

MAX. ALLOWABLE WORKING PRES.

2250 psig

MAX. SUCTION
PRES.

2250 psig

HYDRO TEST PRES.

1.5 x 2250 psig

LEAK TEST PRES.

1500 psig

ANSI FLG. SIZE & RATING, S/D/CI

30/24 CI 900 RFF

1ST COMPARTMENT STAGING

D1, D1, C3, C3, C2, C2, C1

2ND COMPARTMENT STAGING

NA

NORMAL CAPACITY SQ:

423.00 mmscfd

NORMAL POWER

21581 hp

COMPRESSOR WT.:

80200 LBS

36378 Kgs

MODULE
WT.:

38,200 LBS

17327 Kgs

FOR INTEGRATION AS



II

3

G cb

TEMPERATURE CODE T

3

YEAR OF MFG.:

2016

MANUFACTURED IN USA

1034040-983





Solar Turbines
Turbine System









Solar Turbines TURBOTRONIC™

A Caterpillar Company

Solar Turbines Incorporated
4200 Ruffin Street
San Diego, CA 92123
USA

BOP BOX

MODEL	CTLM02	S.O. NO.	2-3W141CC
CONSOLE SERIAL NO.	N-161764-1	UNIT SERIAL NO.	KC16437

EXTERNAL POWER REQUIREMENTS

24	VOLTS DC	20	AMPS
	VOLTS DC		AMPS
	VOLTS AC		AMPS
	VOLTS AC		AMPS

PH Hz PH Hz



CERTIFIED EQUIPMENT FOR USE IN
CLASS I, DIVISION 2, GROUP D;
CLASS I, ZONE 2 IIA

TEMPERATURE CODE: T3

ECT 387049

MANUFACTURED IN THE U.S.A. 1054040-018



WARNING
CAUTION
DANGER

Model: [unreadable]
Capacity: [unreadable]
Power: [unreadable]
Voltage: [unreadable]
Frequency: [unreadable]
Weight: [unreadable]

[unreadable]

CAUTION
DANGER



Solar Turbines TURBOTRONIC™

A Caterpillar Company

Solar Turbines Incorporated
4200 Rutlin Road
San Diego, CA 92123
USA

HP COMPRESSOR BOX

CONSOLE
SERIAL NO.

N-161764-3

S.O. NO.

2-3W141CC

EXTERNAL POWER REQUIREMENTS

24

VOLTS DC

20

AMPS

VOLTS AC

PH

Hz

AMPS

TEMPERATURE CODE:

T3



CERTIFIED EQUIPMENT FOR USE IN
CLASS I, DIVISION 2, GROUP D;
CLASS I, ZONE 2 IIA

ECT

387047

MANUFACTURED IN THE USA 1034040-958

1015240-478

DC VOLTS,
COMPRESSOR BOX





Solar Turbines TURBOTRONIC™

A Caterpillar Company

Solar Turbines Incorporated
4200 Ruffin Road
San Diego, CA 92123
USA

HP COMPRESSOR PROXIMATOR BOX

CONSOLE
SERIAL NO.

N-161764-5

S.O. NO.

2-3W141CC

EXTERNAL POWER REQUIREMENTS

24

VOLTS DC

20

AMPS

VOLTS AC

PH

Hz

AMPS



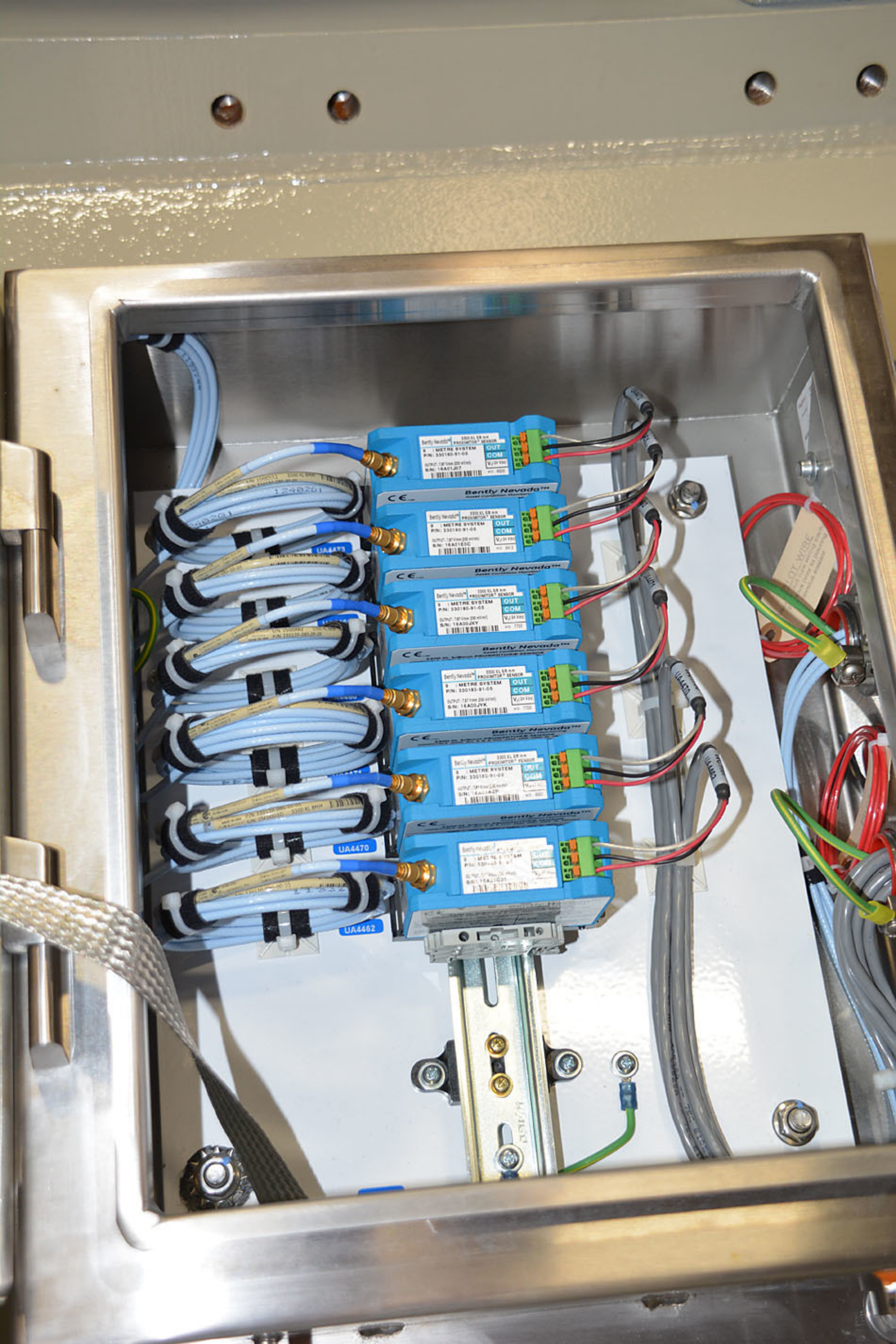
CERTIFIED EQUIPMENT FOR USE IN
CLASS I, DIVISION 2, GROUP D;
CLASS I, ZONE 2 IIA

TEMPERATURE CODE:

T3

ECT 387047

MANUFACTURED IN THE USA 1004040-000



Bently Nevada™ 330 XL 6R non-PROXIMITY SENSOR
METRE SYSTEM
P/N: 330180-91-05
S/N: 18A01207
OUT COM
V₂ 24VDC

Bently Nevada™ 330 XL 6R non-PROXIMITY SENSOR
METRE SYSTEM
P/N: 330180-91-05
S/N: 18A0120C
OUT COM
V₂ 24VDC

Bently Nevada™ 330 XL 6R non-PROXIMITY SENSOR
METRE SYSTEM
P/N: 330180-91-05
S/N: 18A009KY
OUT COM
V₂ 24VDC

Bently Nevada™ 330 XL 6R non-PROXIMITY SENSOR
METRE SYSTEM
P/N: 330180-91-05
S/N: 18A009JK
OUT COM
V₂ 24VDC

Bently Nevada™ 330 XL 6R non-PROXIMITY SENSOR
METRE SYSTEM
P/N: 330180-91-05
S/N: 18A009JH
OUT COM
V₂ 24VDC

Bently Nevada™ 330 XL 6R non-PROXIMITY SENSOR
METRE SYSTEM
P/N: 330180-91-05
S/N: 18A01031
OUT COM
V₂ 24VDC

1298261

UA4473

UA4470

UA4462

WIRE WIRE



LA SÉLECTION DE
**COMPOSANT POURRAIT
 NUIRE À LA PERTINENCE
 DANS UNE ZONE CLASSIFIÉE.**

Solar Turbines Titan™ 250

A Caterpillar Company

Solar Turbines Incorporated
 4200 Ruffin Road
 San Diego, CA. 92123
 USA



YEAR OF MANUFACTURE: 2016

Gas Turbine Compressor Set

S.O. NO.	2-3W141	SUPPLY RATINGS	SERIAL NO.	KC16437
DAC START MOTOR SUPPLY	380 VOLTS AC	3 PH	VFD HZ	456 AMPS
SINGLE PHASE AC SUPPLY	120 VOLTS AC	1 PH	60 HZ	8 TOTAL AMPS
THREE PHASE AC SUPPLY	480 VOLTS AC	3 PH	60 HZ	882 TOTAL AMPS
DC SUPPLY	120 VOLTS DC			76 TOTAL AMPS
COMPRESSOR HIGH PRESSURE	1268.4 PSIG	LOW PRESSURE	508.4 PSIG	
FUEL TYPE:				
MAXIMUM SUPPLY PRESSURE	600 PSIG	NATURAL GAS	N/A PSIG	LIQUID FUEL
NOMINAL FUEL FLOW:	176.15 MMBTU/HR		N/A MMBTU/HR	

ONLY THE FOLLOWING TYPES OF LIQUID FUEL ARE SUITABLE FOR USE WITH THIS UNIT:
N/A



CERTIFIED EQUIPMENT FOR USE IN
 CLASS I, DIVISION 2, GROUP D;
 CLASS I, ZONE 2 IIA

TEMPERATURE CODE: **T3**

ECT **397501** MANUFACTURED IN THE USA 1034040-984











Solar Turbines

A Caterpillar Company

GAS TURBINE DATA PLATE

MODEL NO.	TITAN 250
VERSION	30002S CS/MD
ENGINE PN	X302S-A5G0RP00
SERIAL NO.	0051X
*POWER (G/L)	30000 HP / NA
NGP (RPM)	10500
NPT (RPM)	7000
IGV SETTING	SEE SCHEDULE IN TEST REPORT
^T5 BASE (G/L)	1358°F / NA
SETPOINT (G/L) FULL LOAD	T5 1400°F / NA

^UNCOMPENSATED,*ISO VALUES

^ EMISS SP (G/L) SEE ENGINE K-VALUES

% PILOT (G/L) SEE ENGINE K-VALUES
FULL LOAD

% PILOT (G/L) SEE ENGINE K-VALUES
PART LOAD

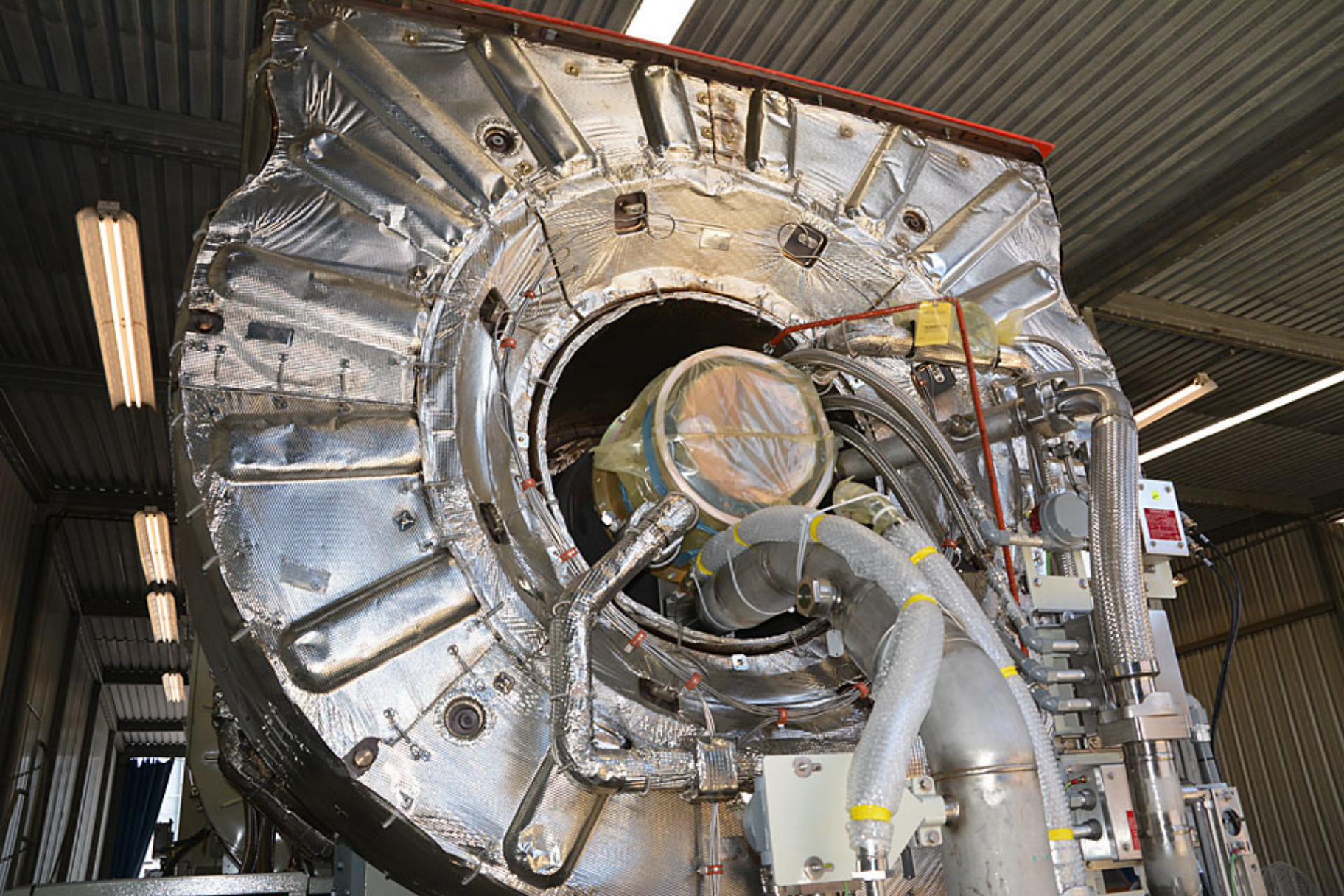
FWD PLANE TDC HOLE # 0

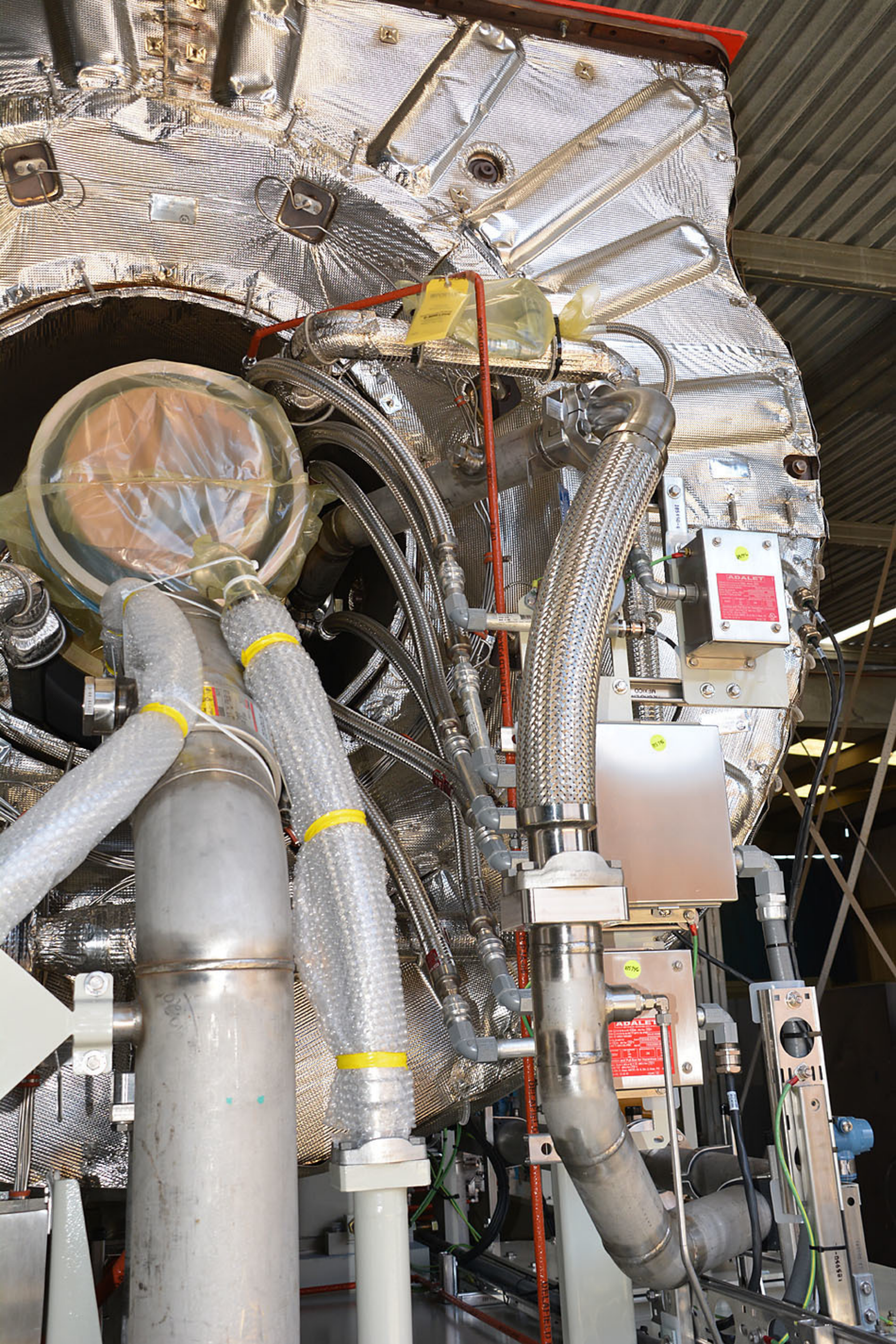
AFT PLANE TDC HOLE # 0

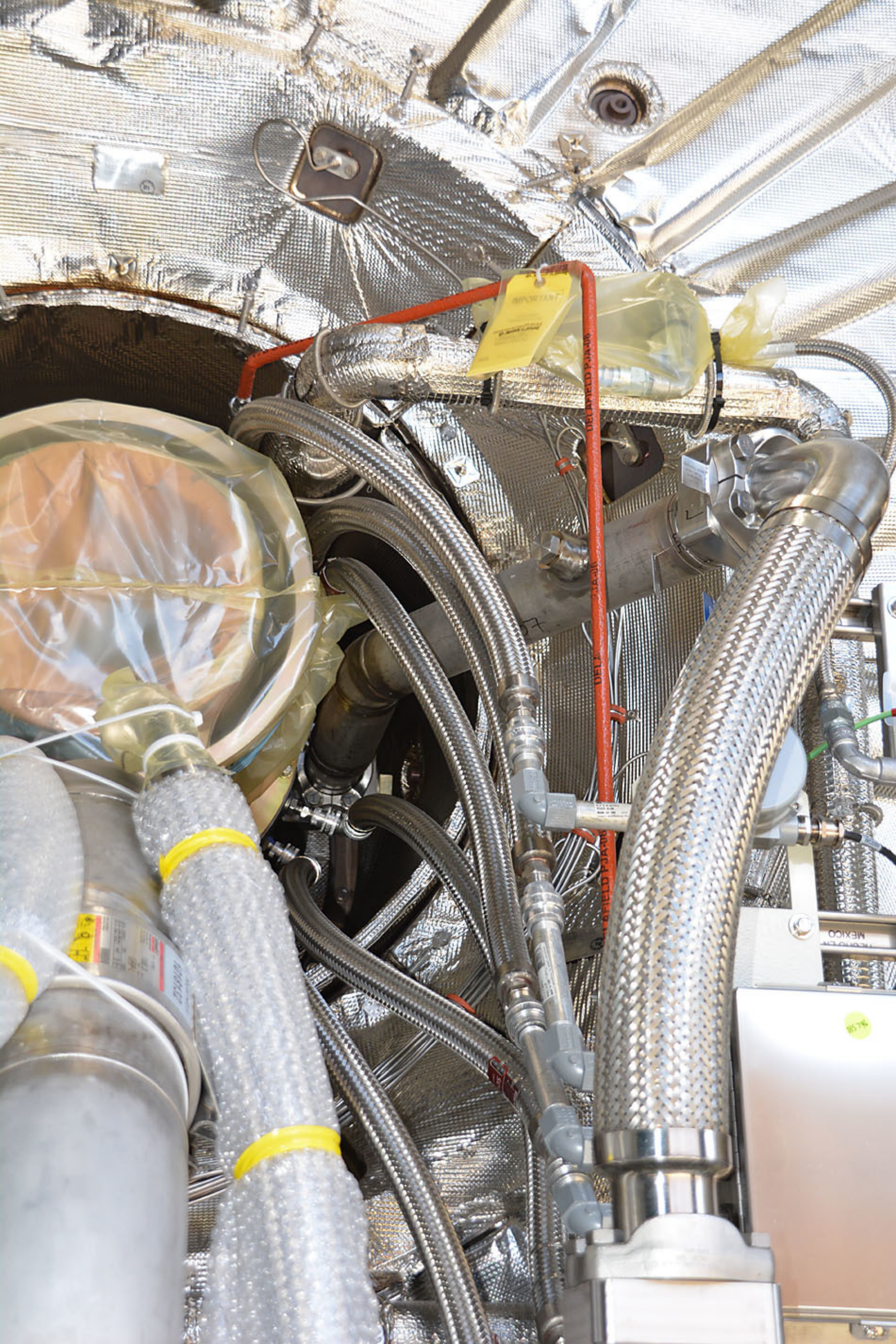
(G/L)=GAS/LIQUID, NA=NOT APPLICABLE

1034040-997

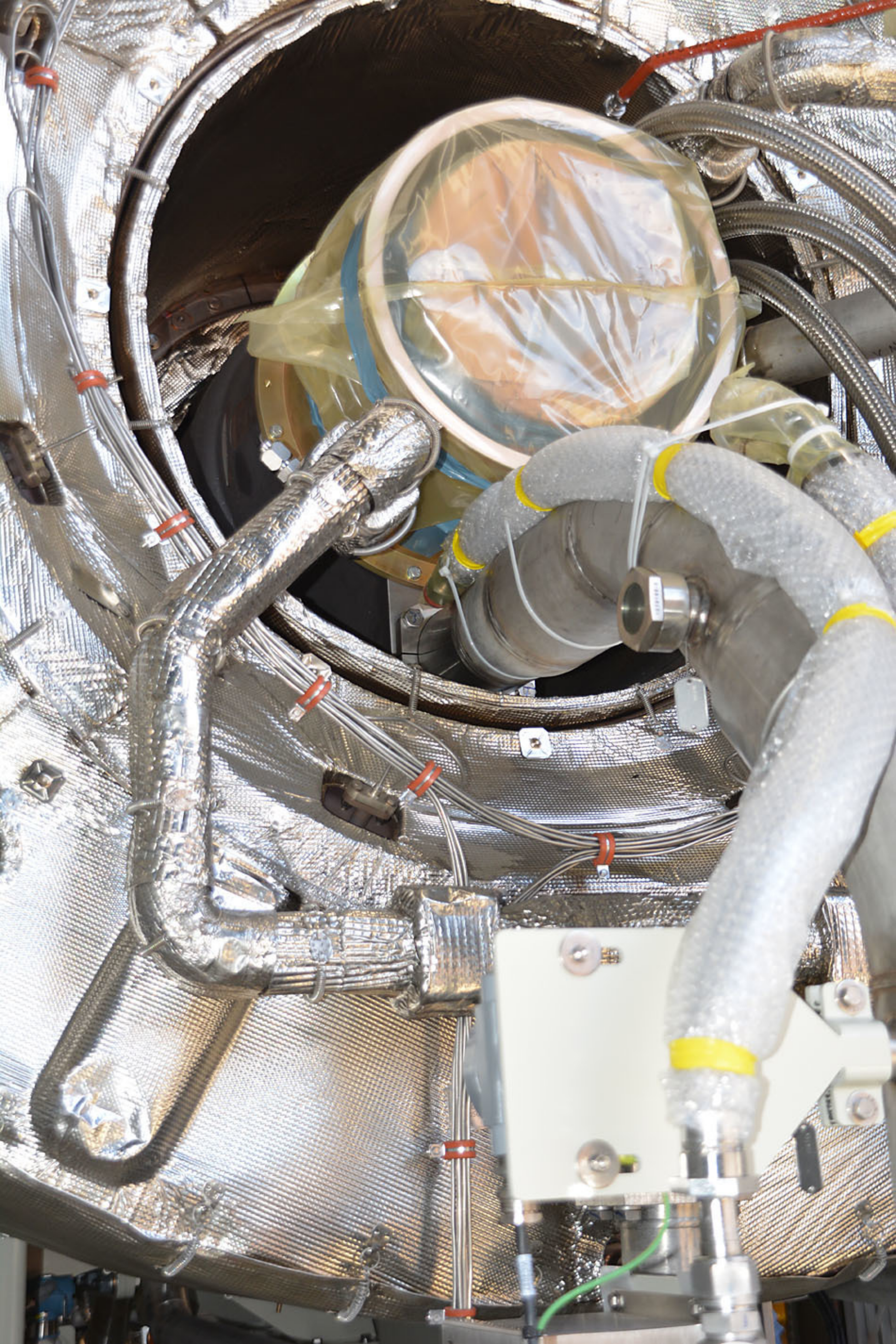
MANUFACTURED IN USA

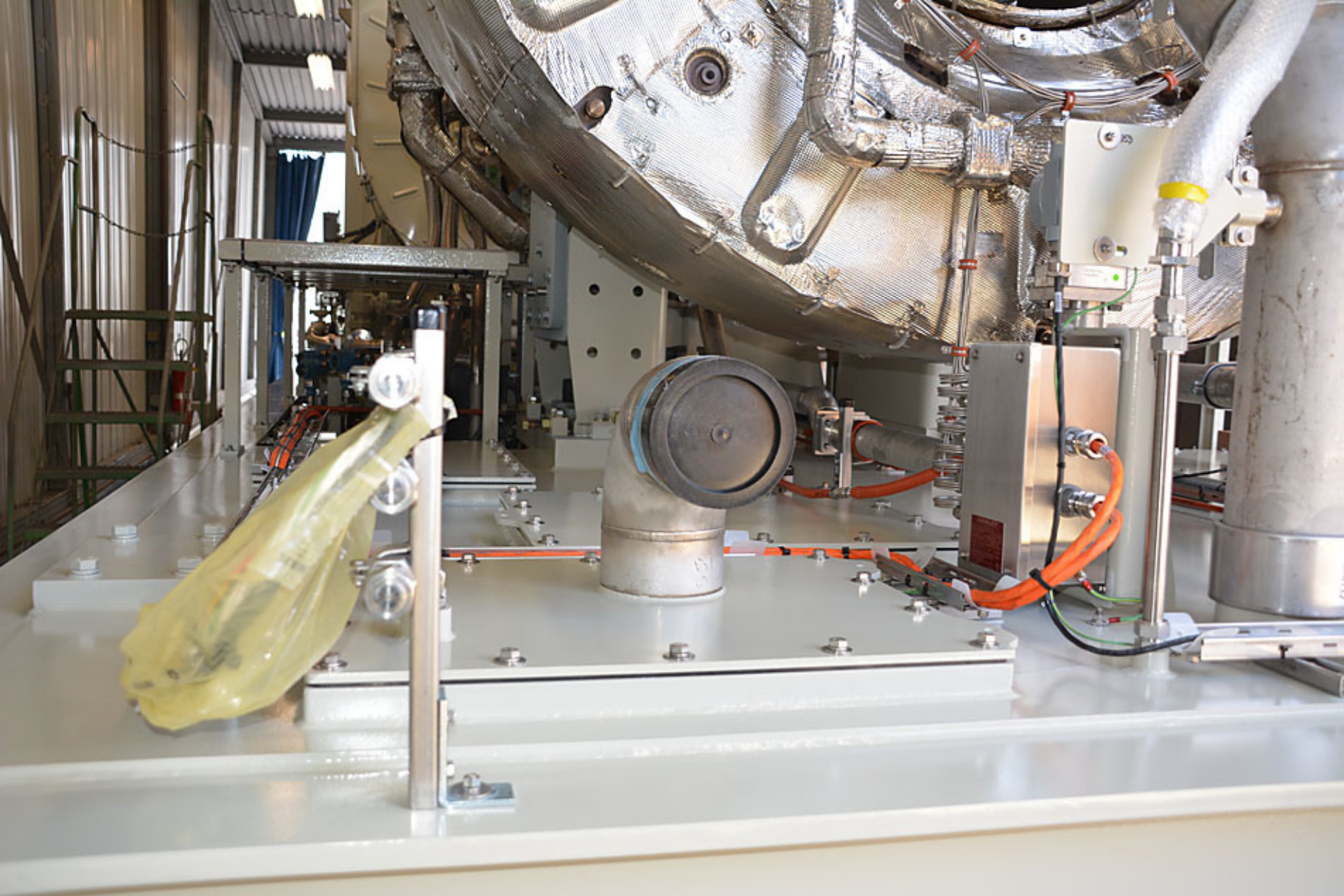






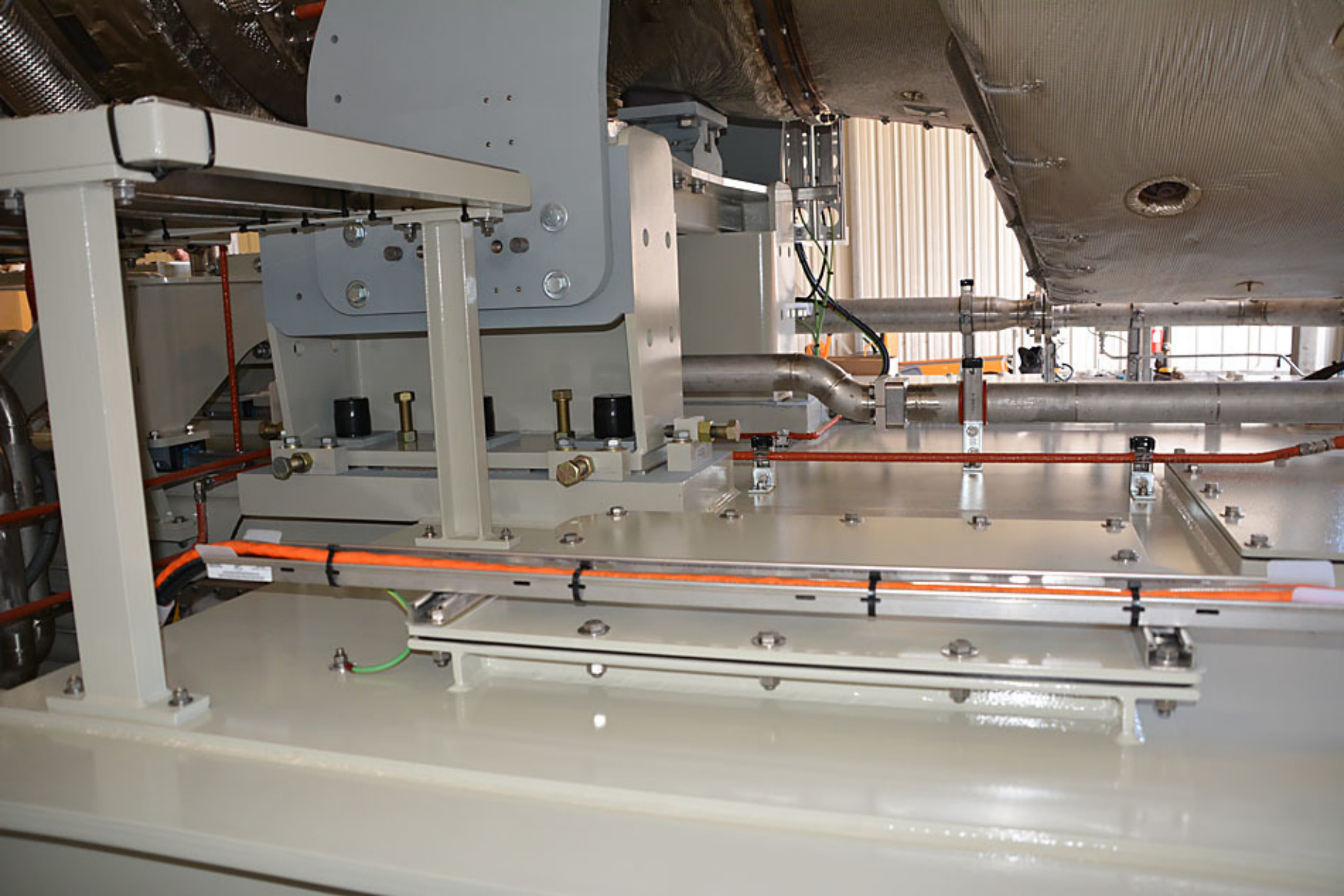


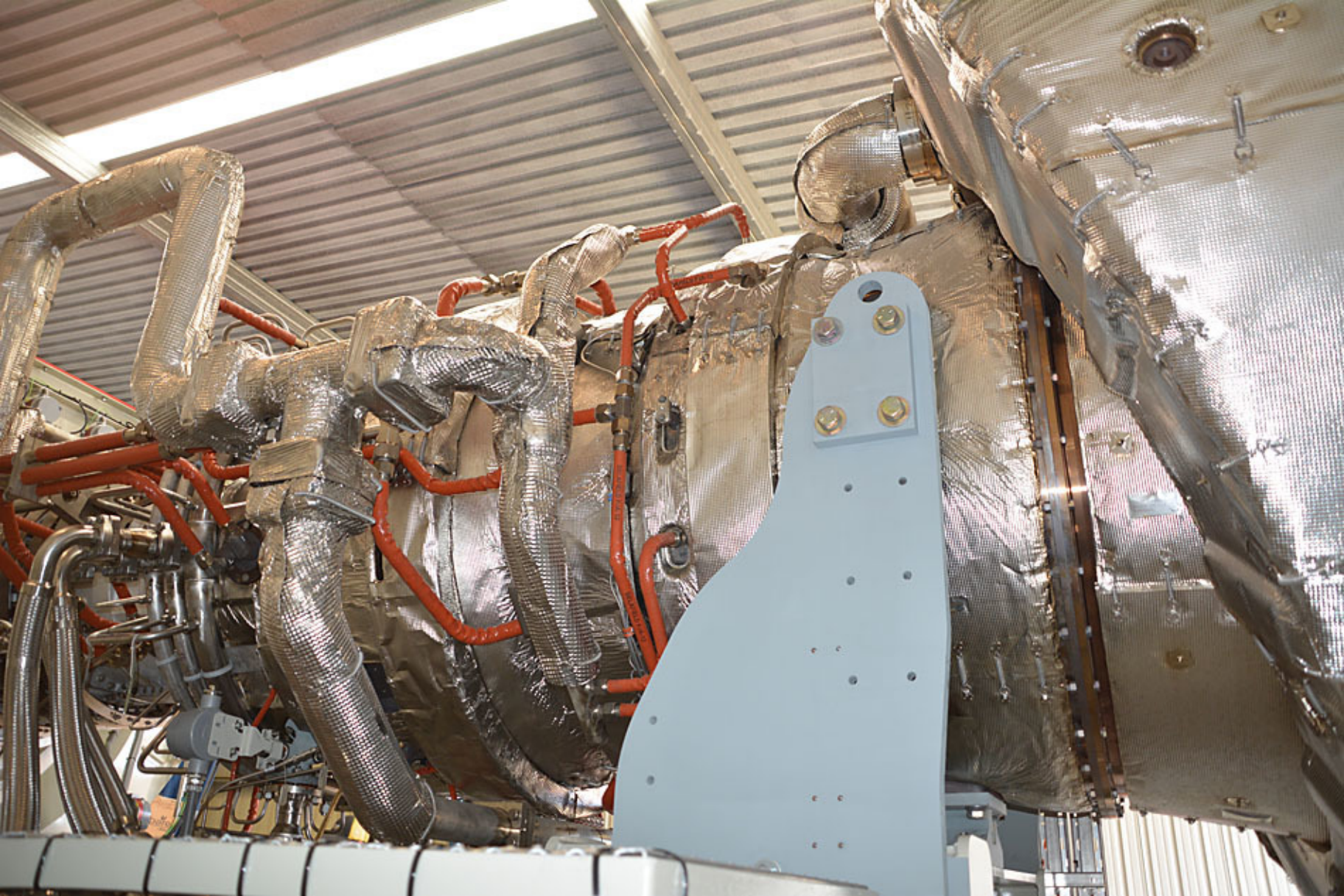


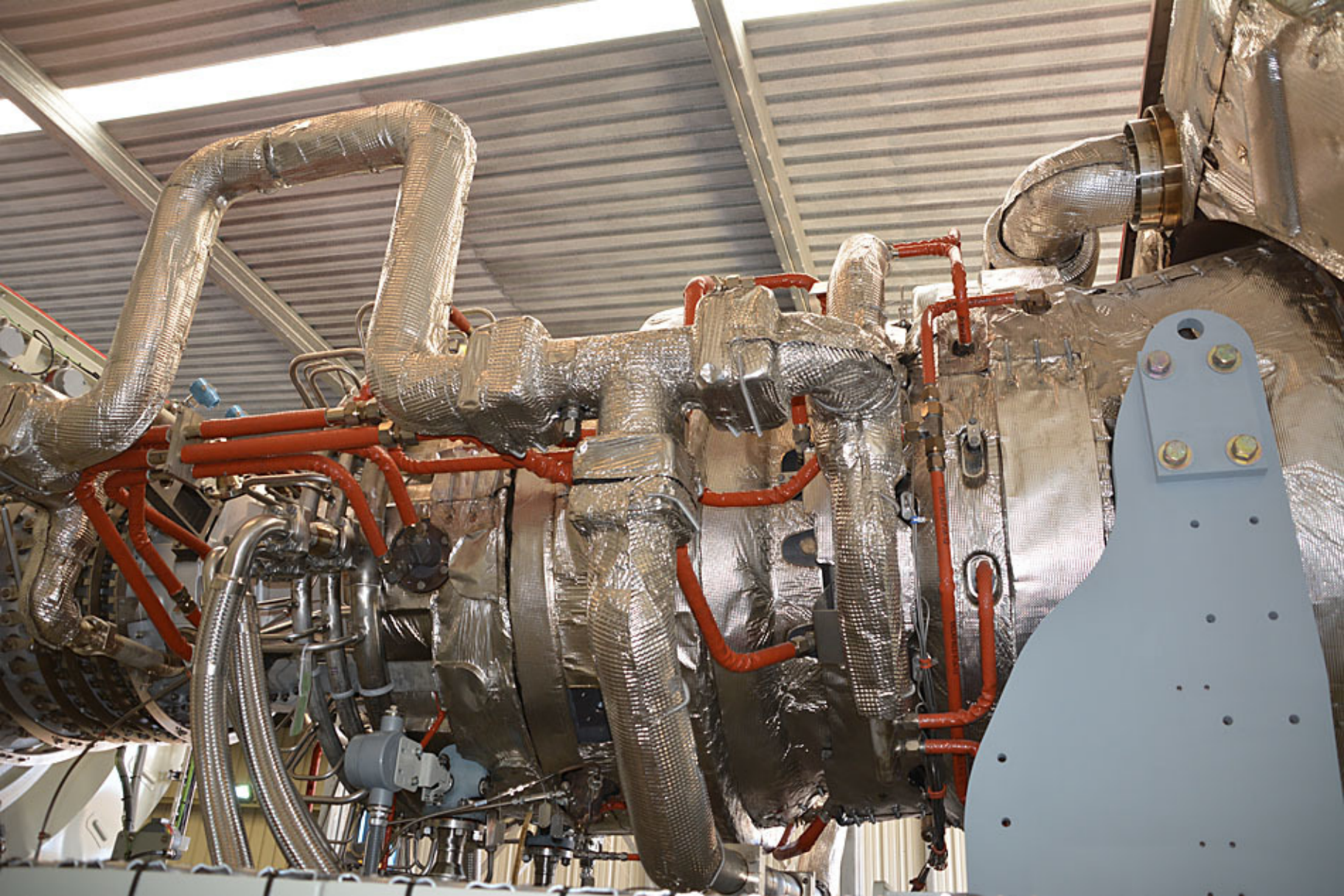


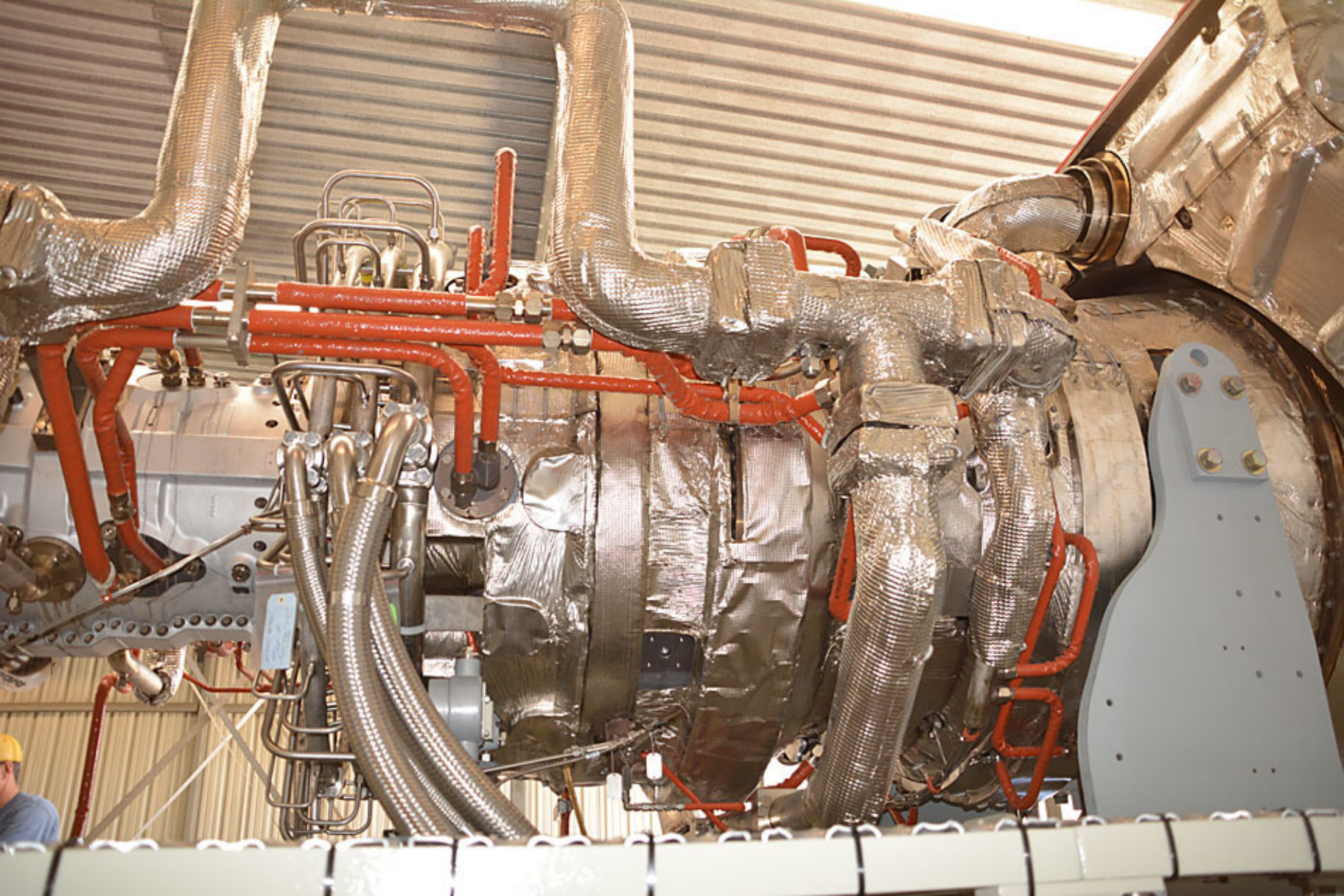


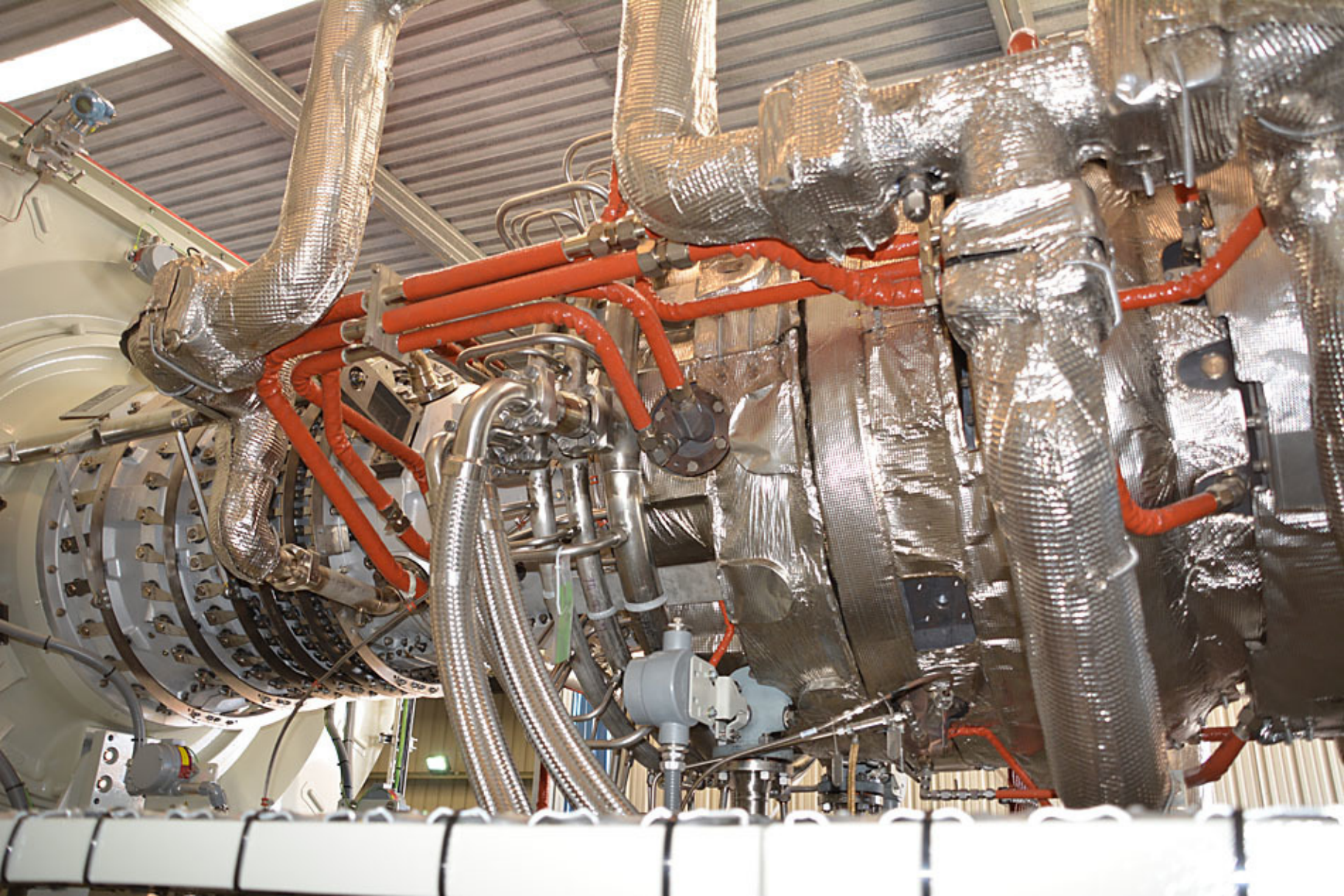


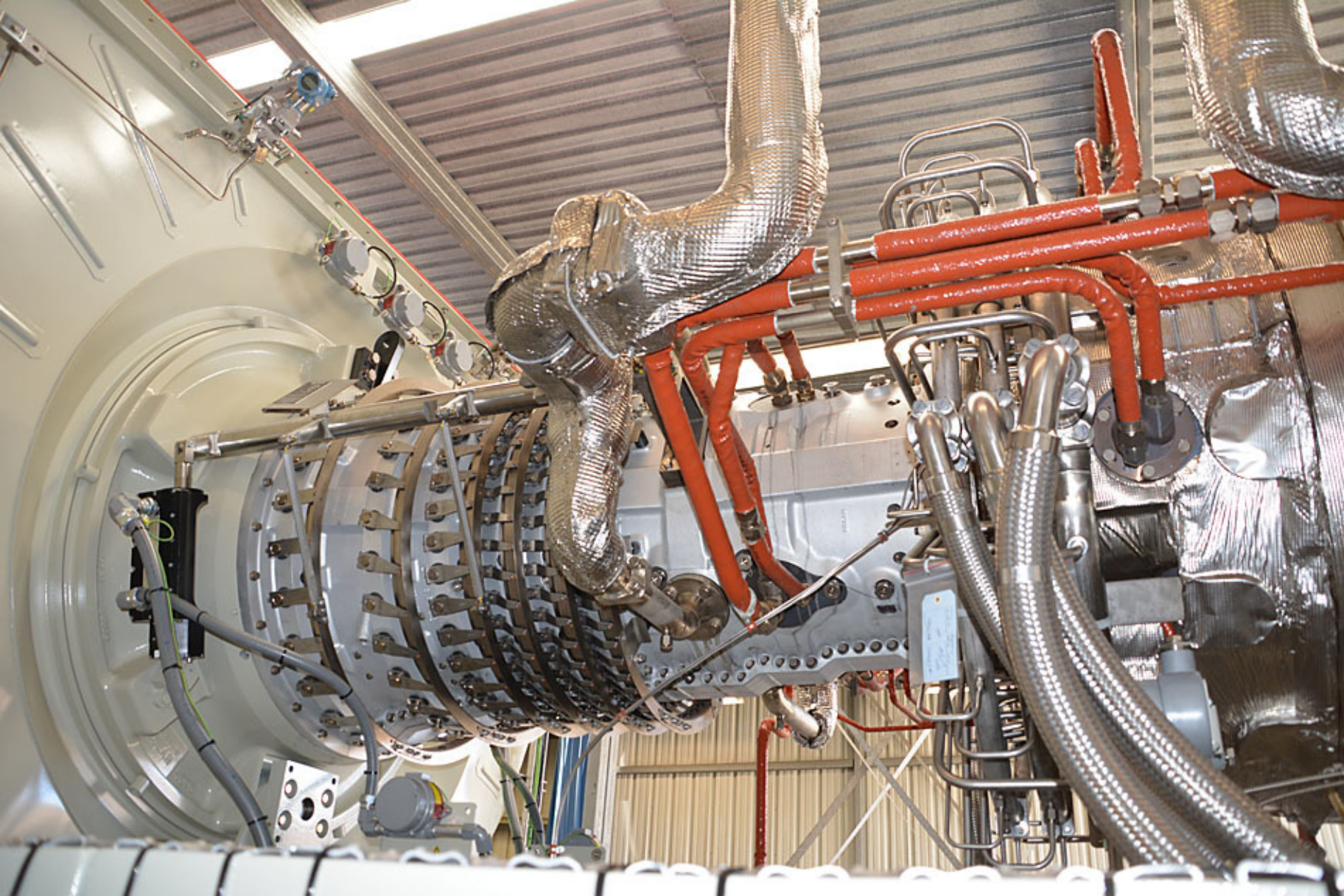


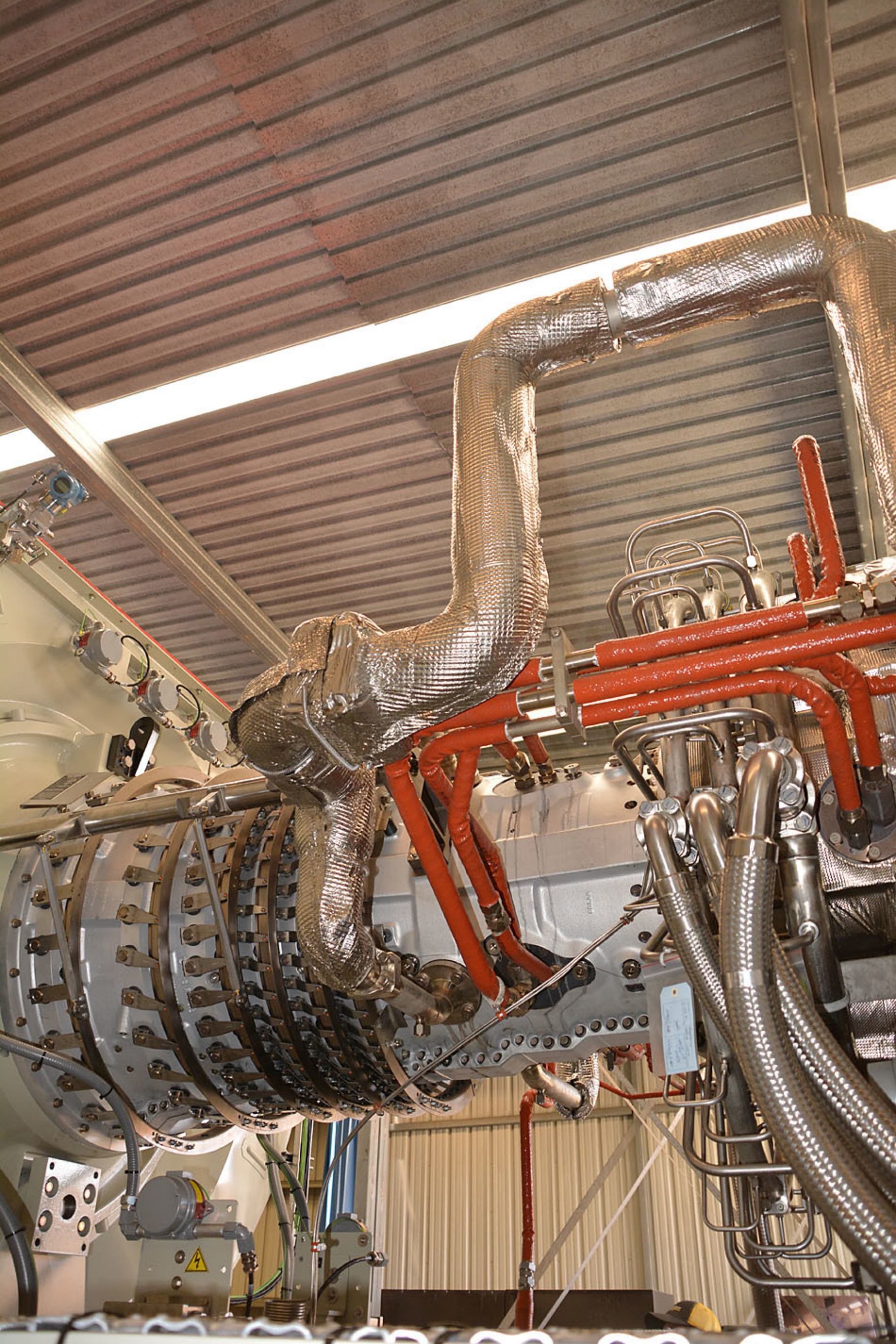


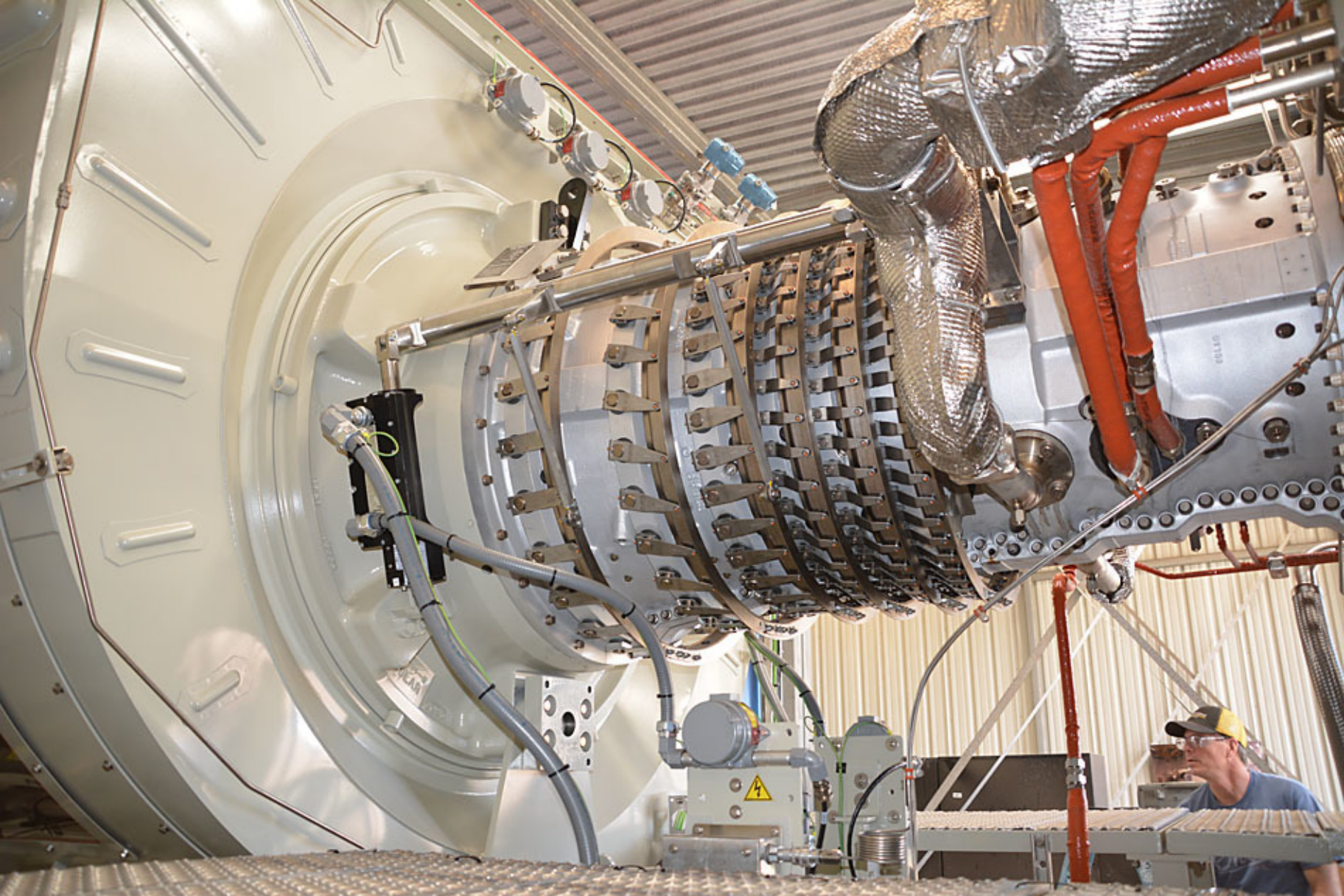




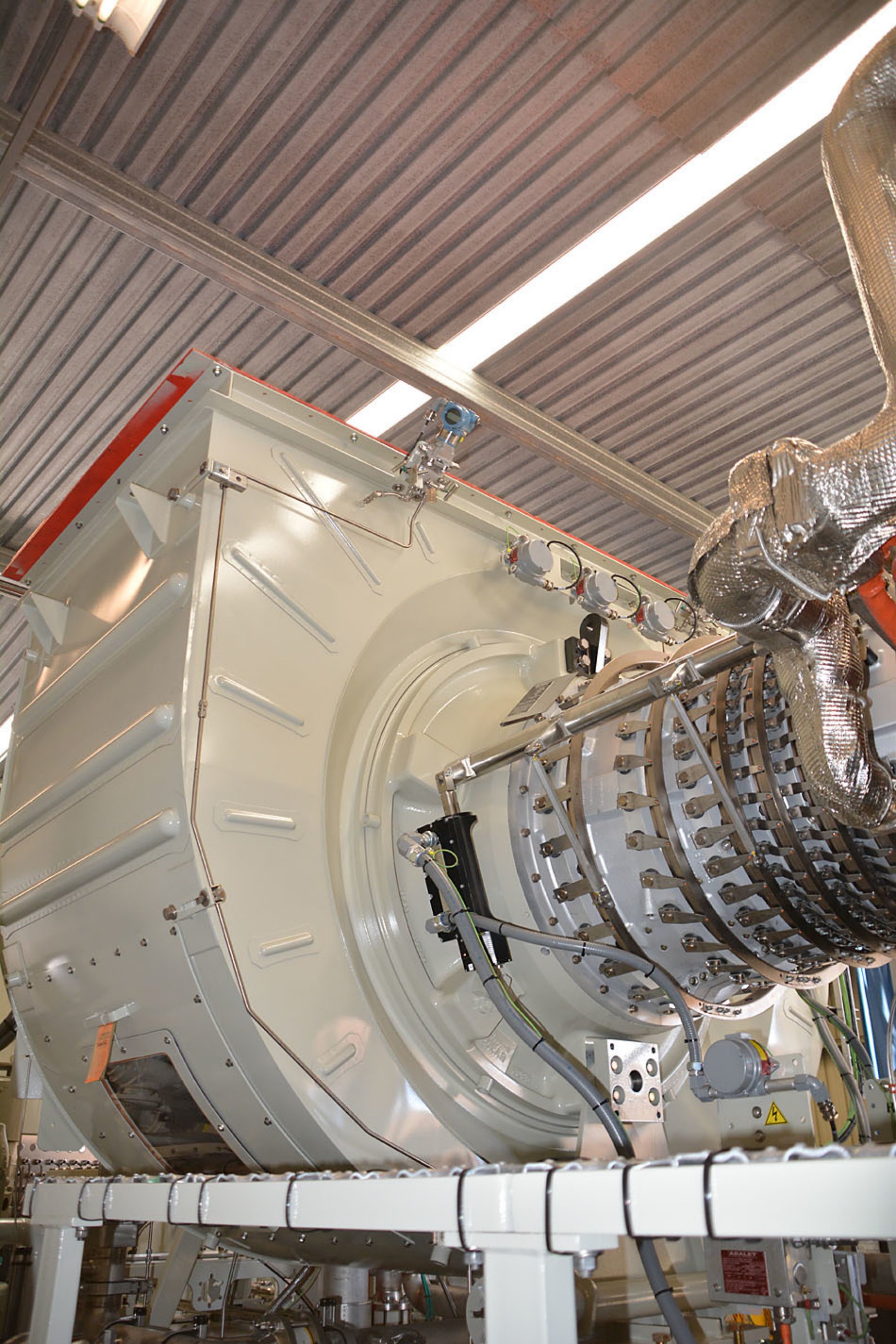






















1111520-100 REV. A
MADE IN THE USA 2004

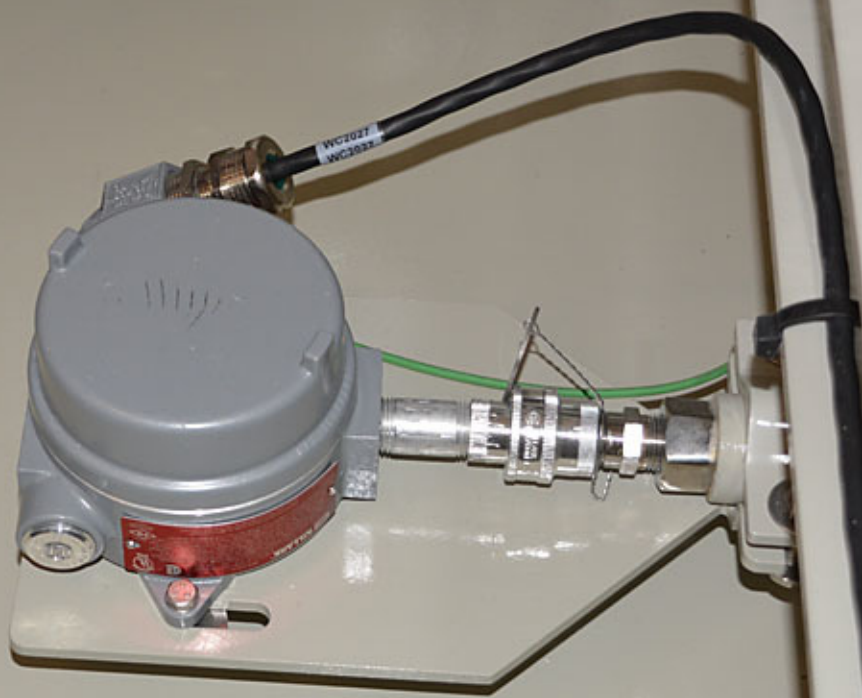


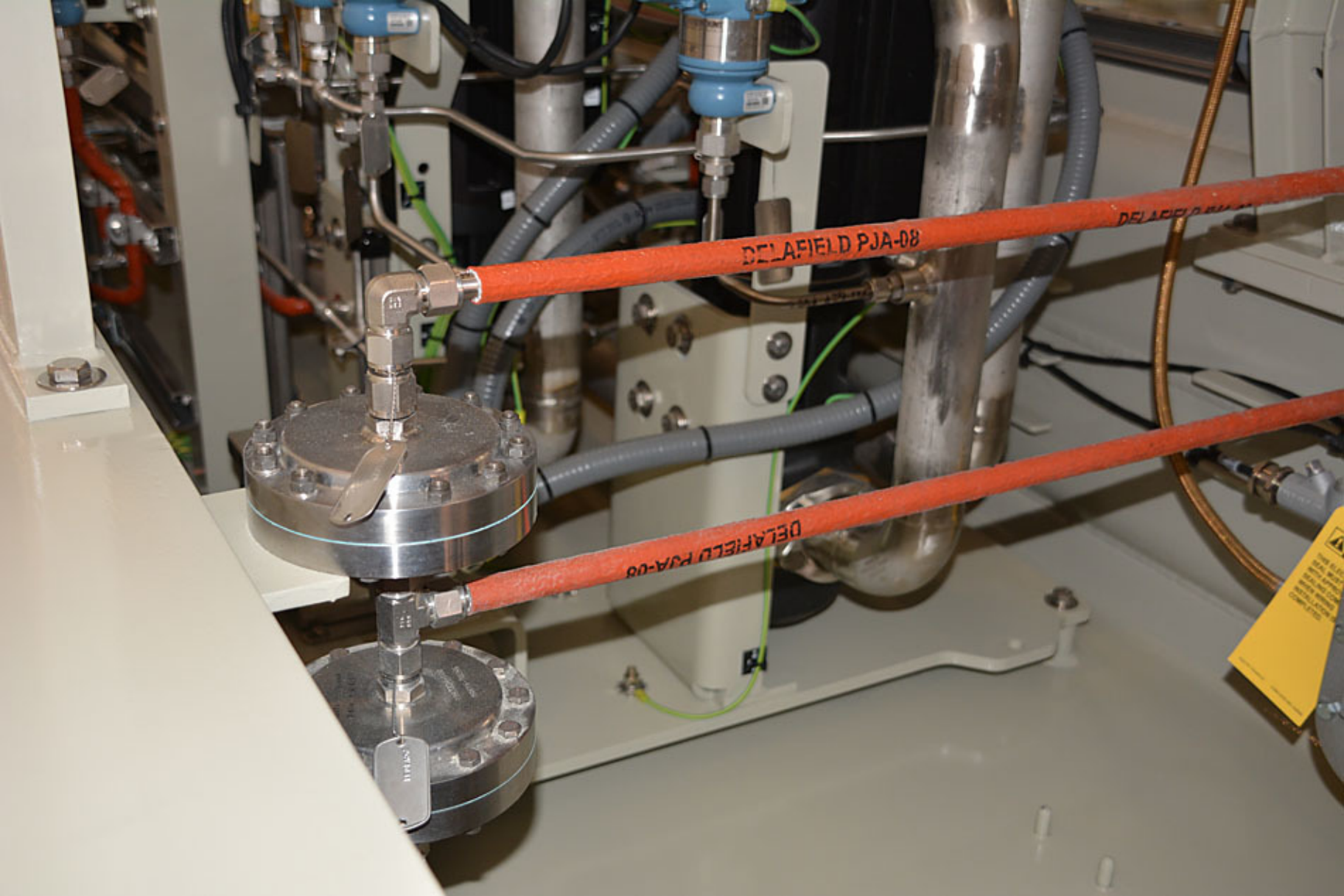
CAUTION

THIS ELECTRIC COVER MUST BE PROPERLY SEaled WITH APPROVED SEALING COMPOUND WHEN REPAIR OR REINSTALLATION IS COMPLETED.

ADAMNET
3574

Solar Turbines
TURNING CONTROL SYSTEM
CAUTION
ATTENTION





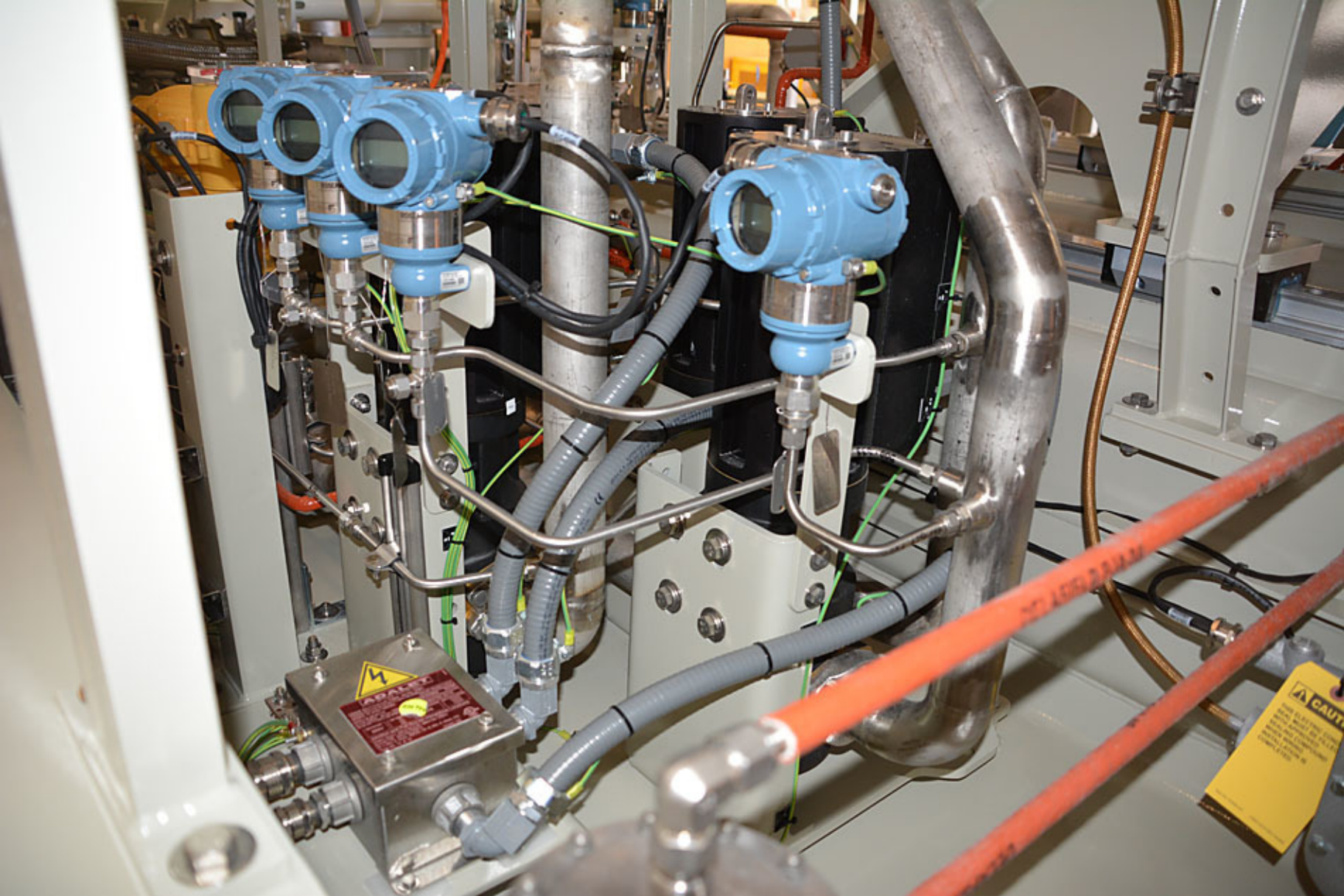
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DELAFIELD PJA-08

DELAFIELD PJA-08

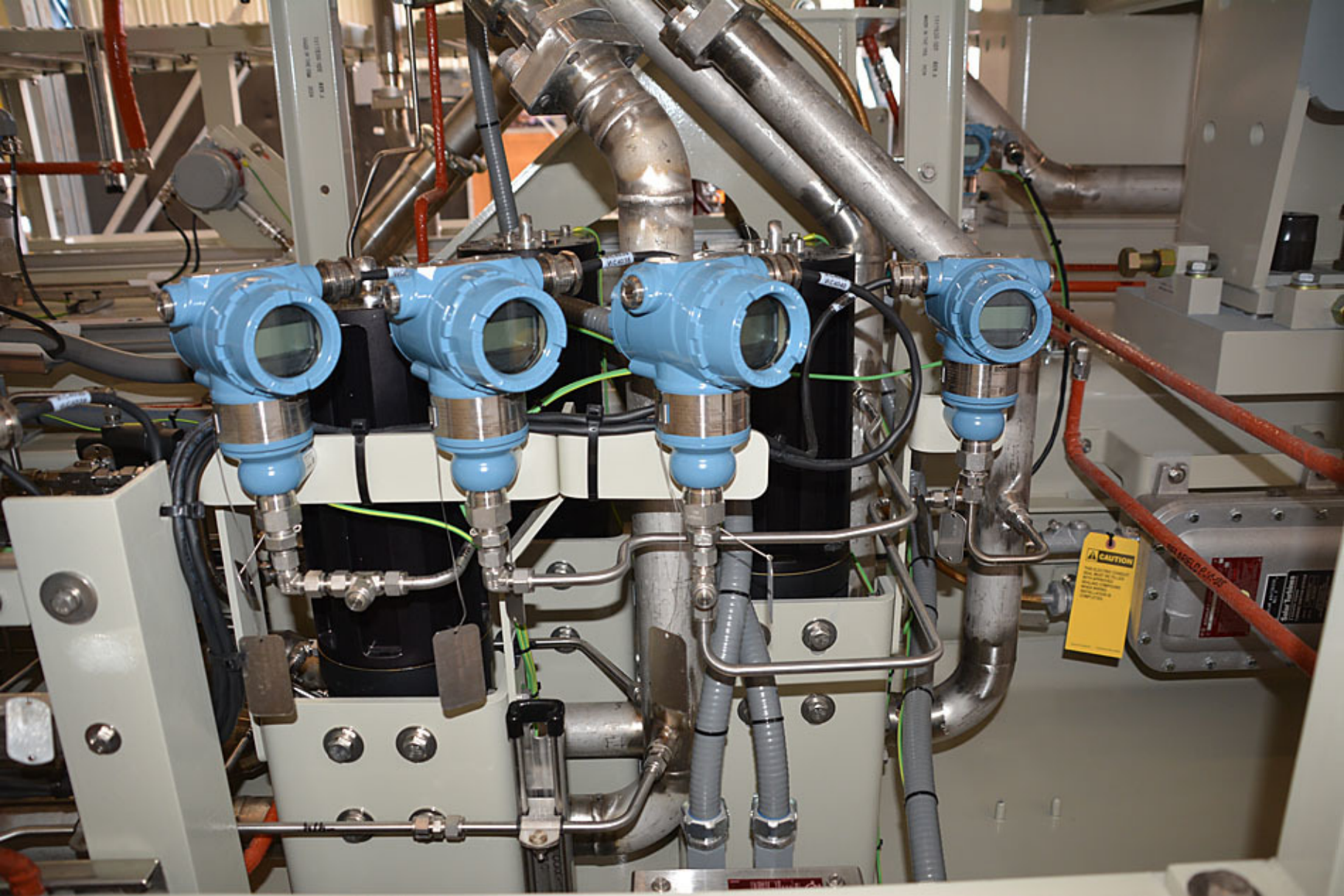
WARNING
HIGH VOLTAGE
DANGER
DO NOT TOUCH
LIVE PARTS
OR COVER
UNTIL
POWER IS
OFF

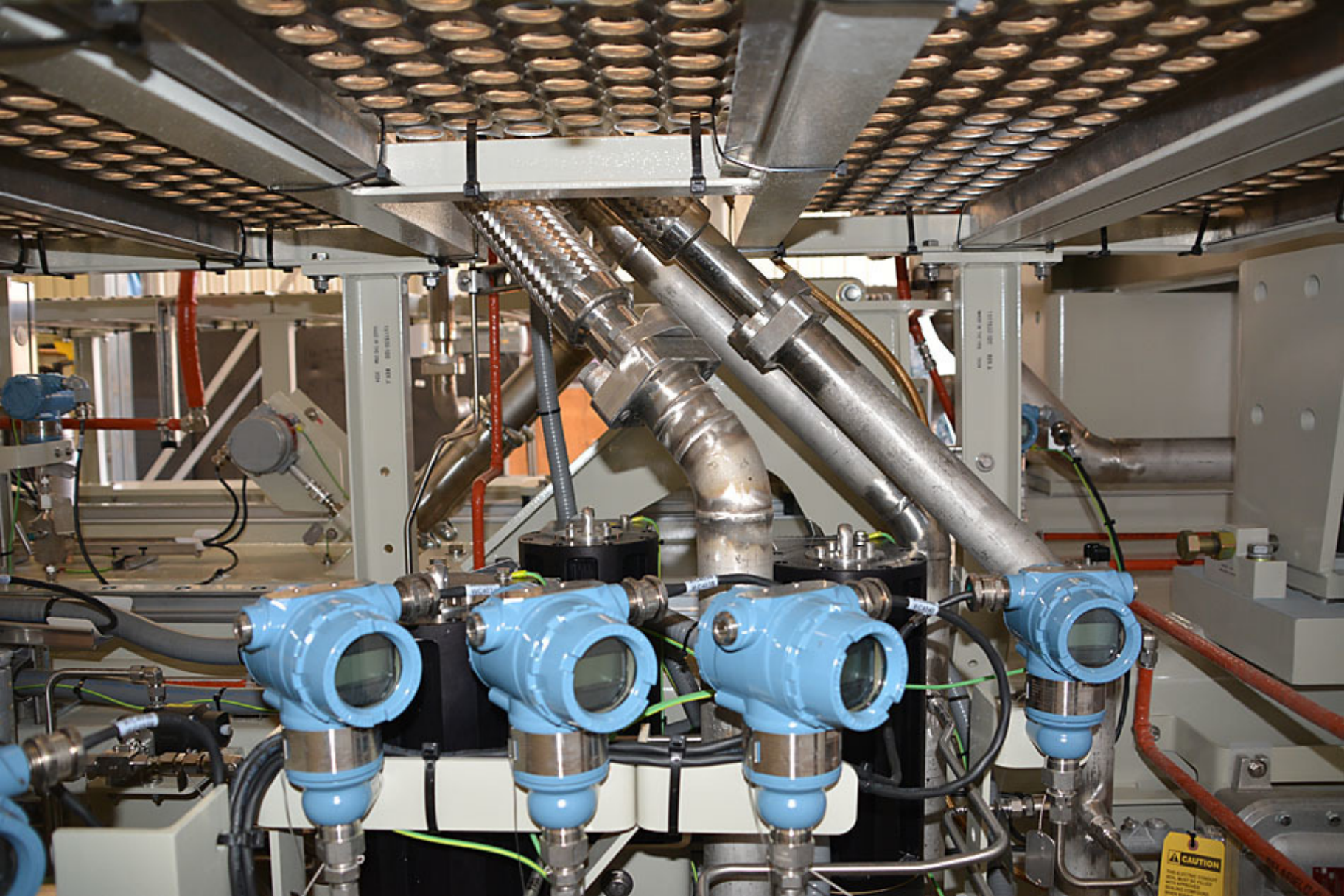
111111



CAUTION
HIGH VOLTAGE
DANGER
DO NOT TOUCH
LIVE PARTS
OR OPEN
CABINET DOORS
WHILE THE
SYSTEM IS
OPERATING
OR BEING
SERVICED

CAUTION
HIGH VOLTAGE
DANGER
DO NOT TOUCH
LIVE PARTS
OR OPEN
CABINET DOORS
WHILE THE
SYSTEM IS
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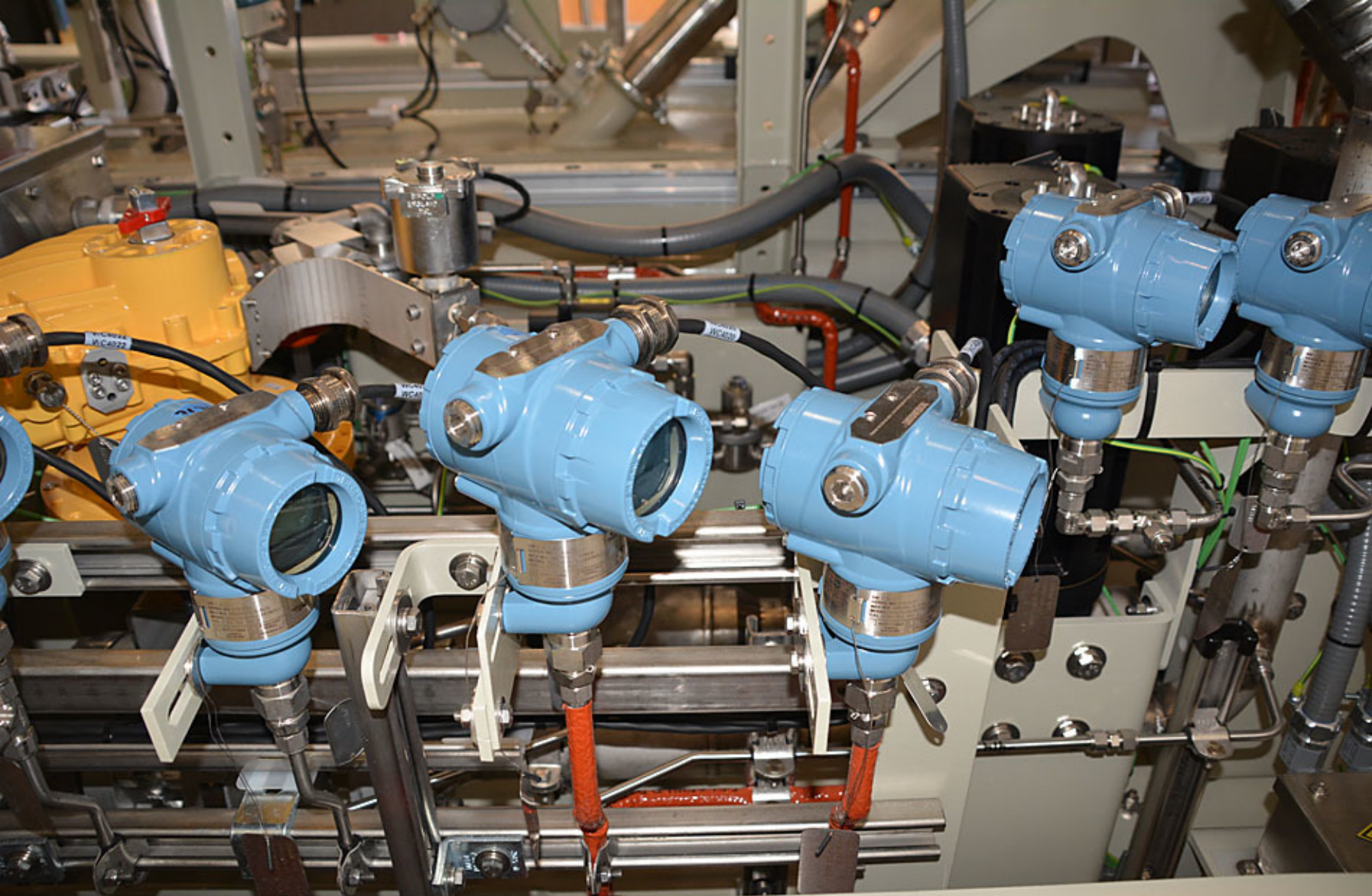


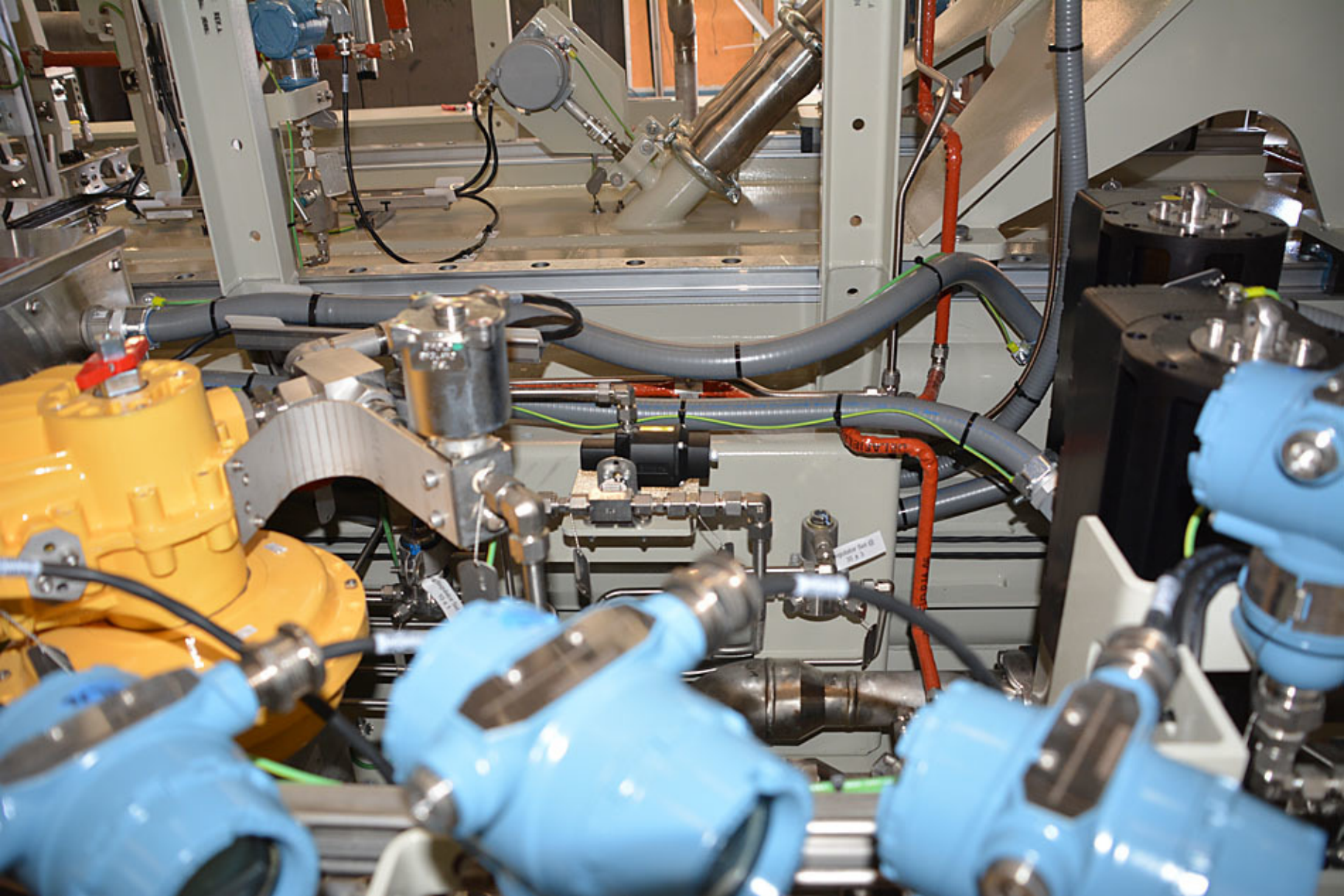


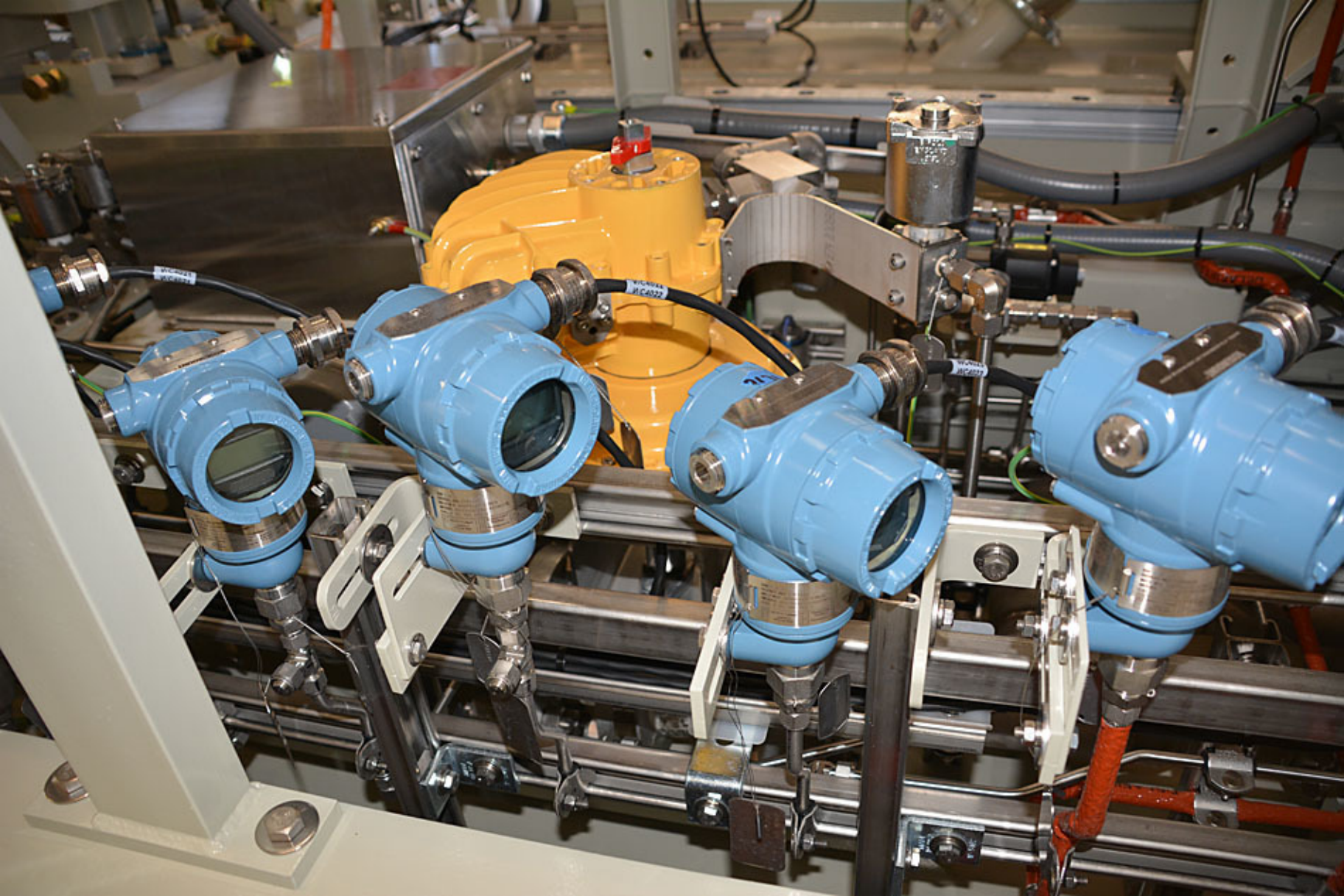
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P/N: 1000-1000-1000

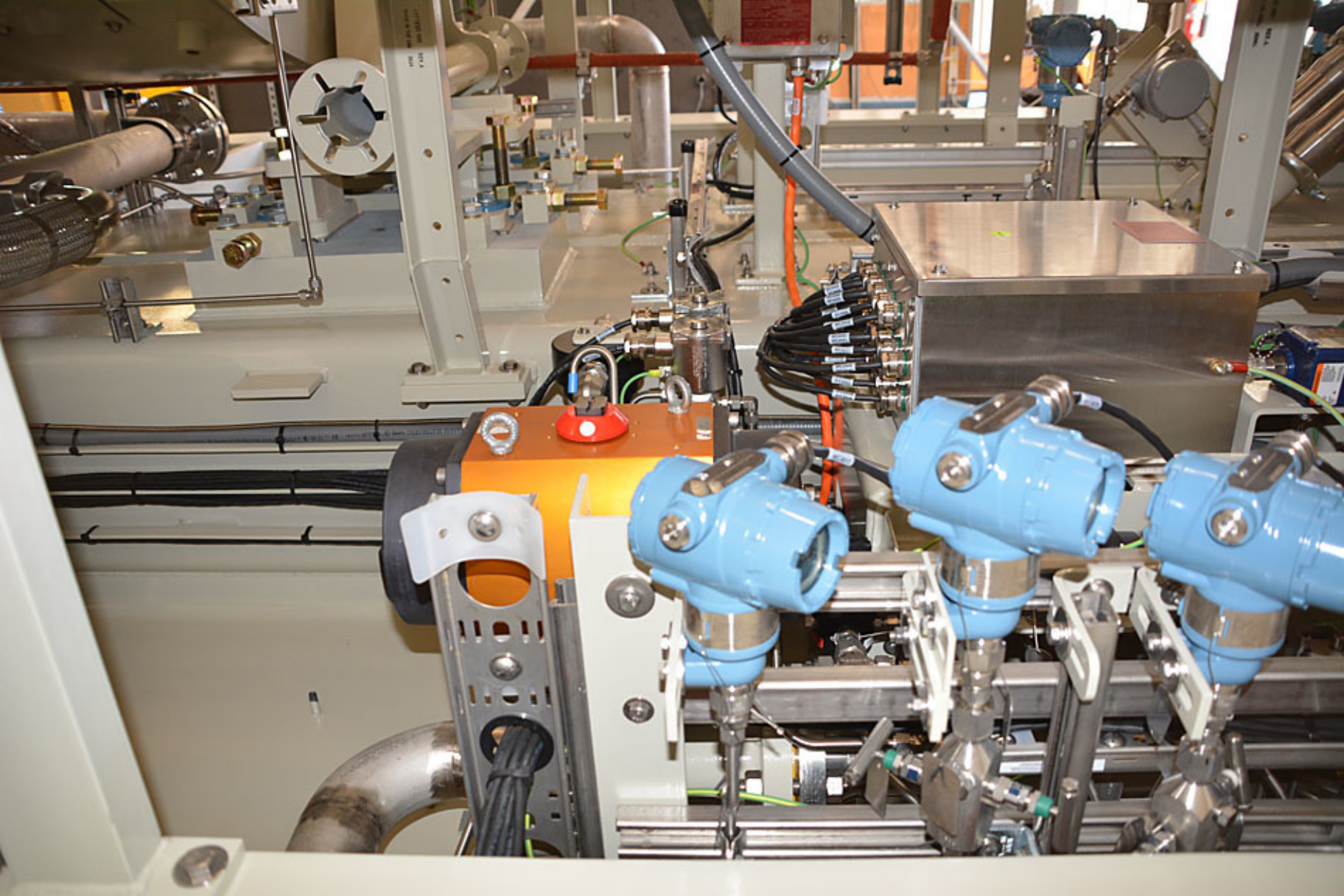
MODEL: 4000-1000-1000
P/N: 1000-1000-1000

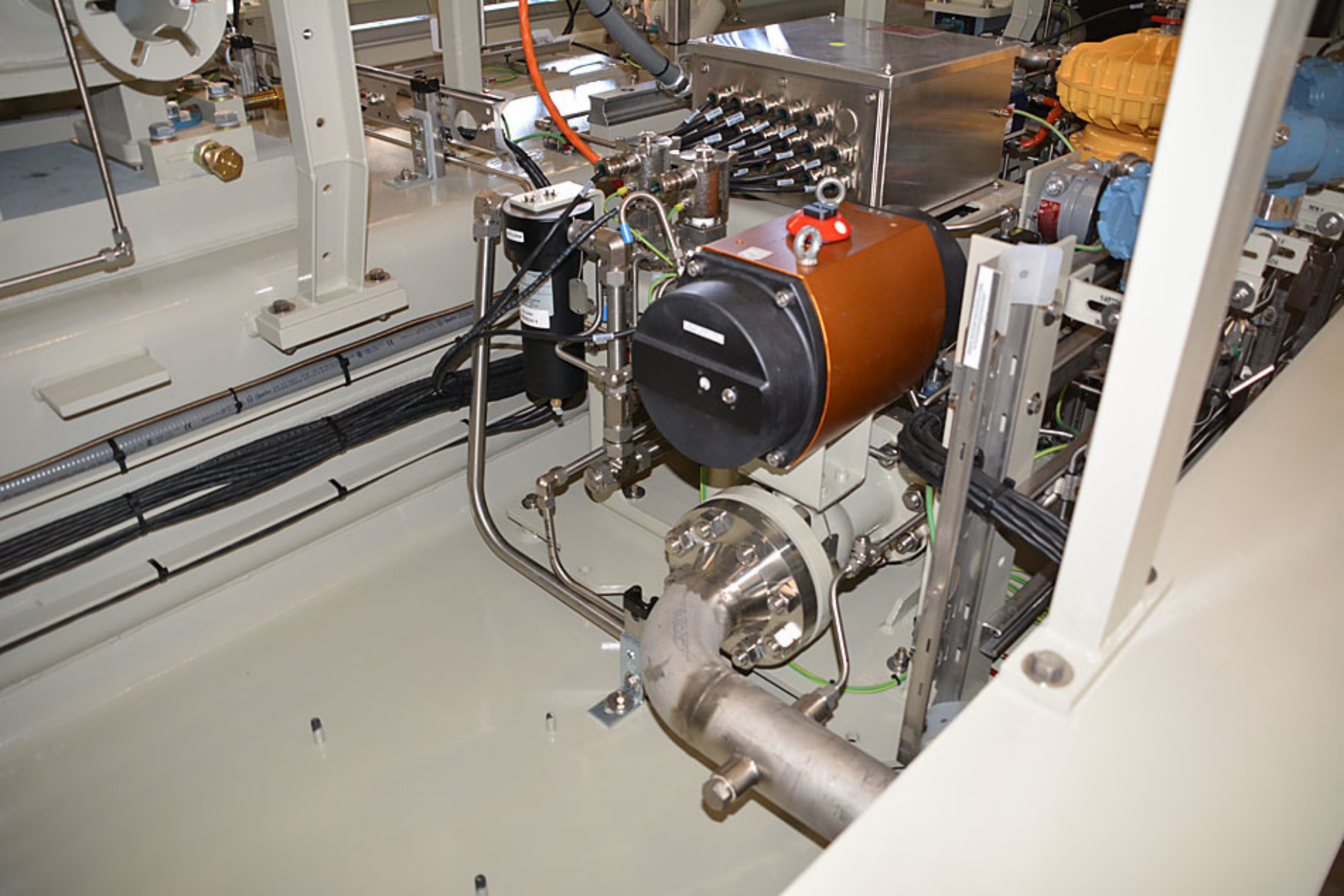
CAUTION
HIGH PRESSURE
DANGER
DO NOT TOUCH
HOT SURFACES
OR OPENING



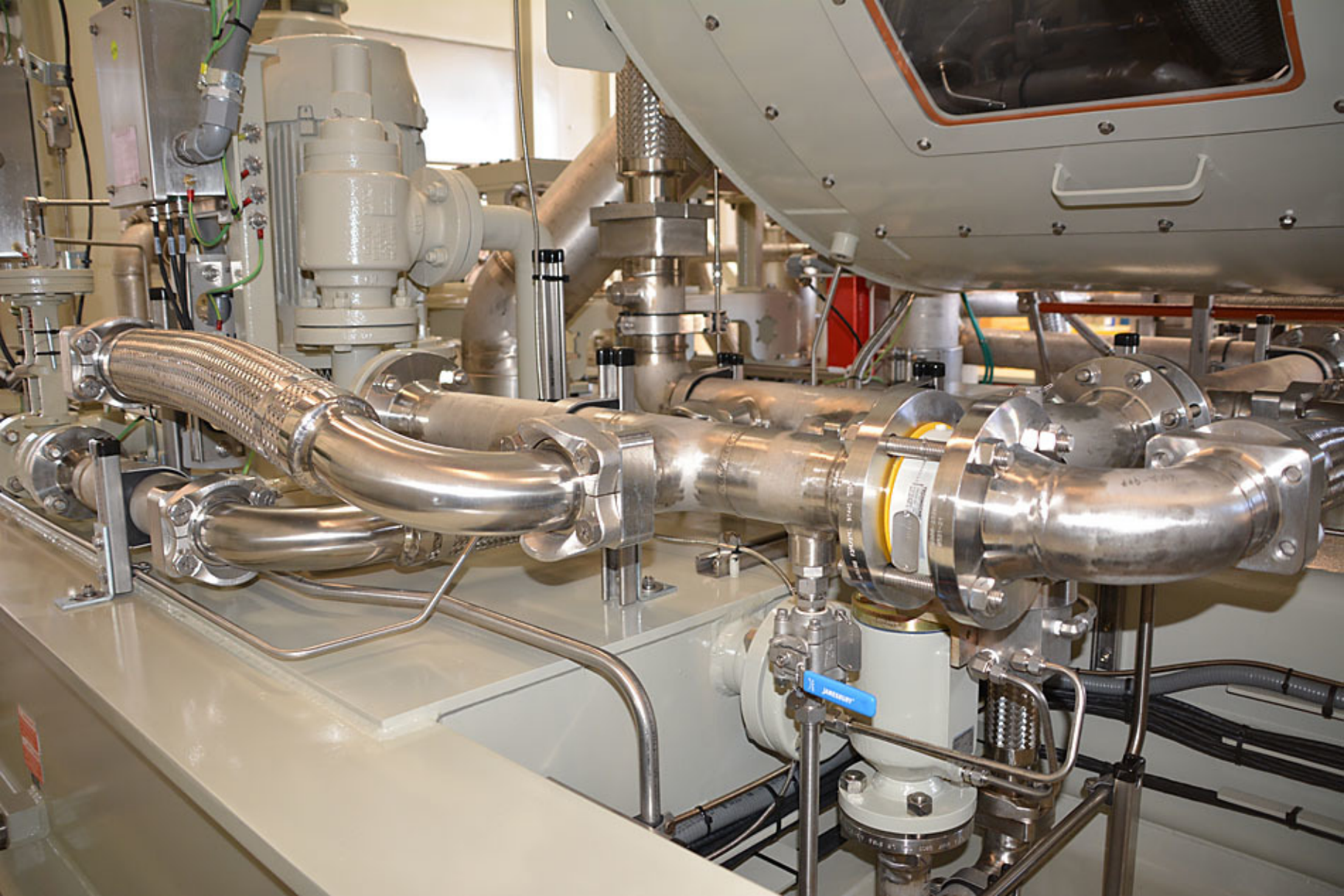






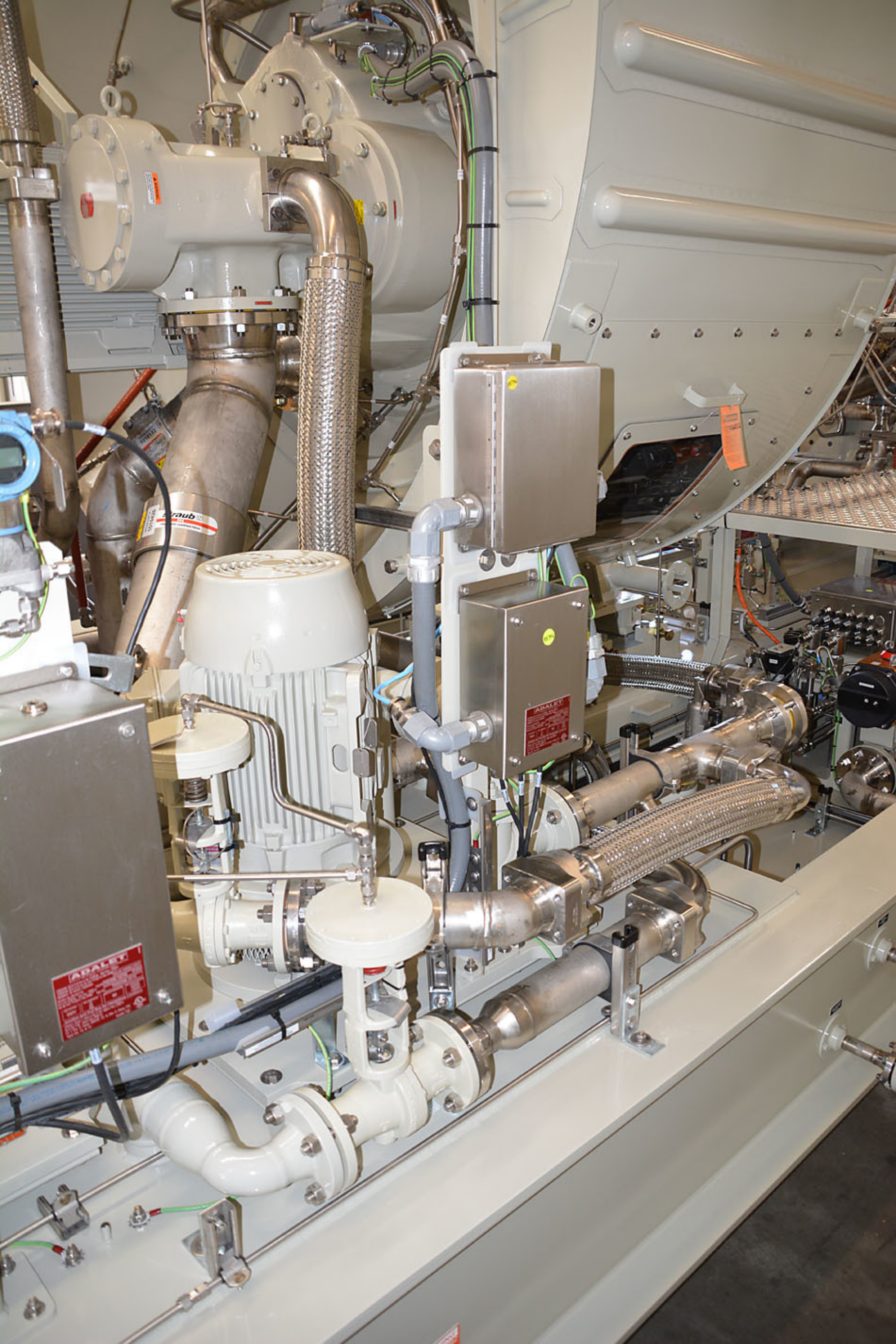






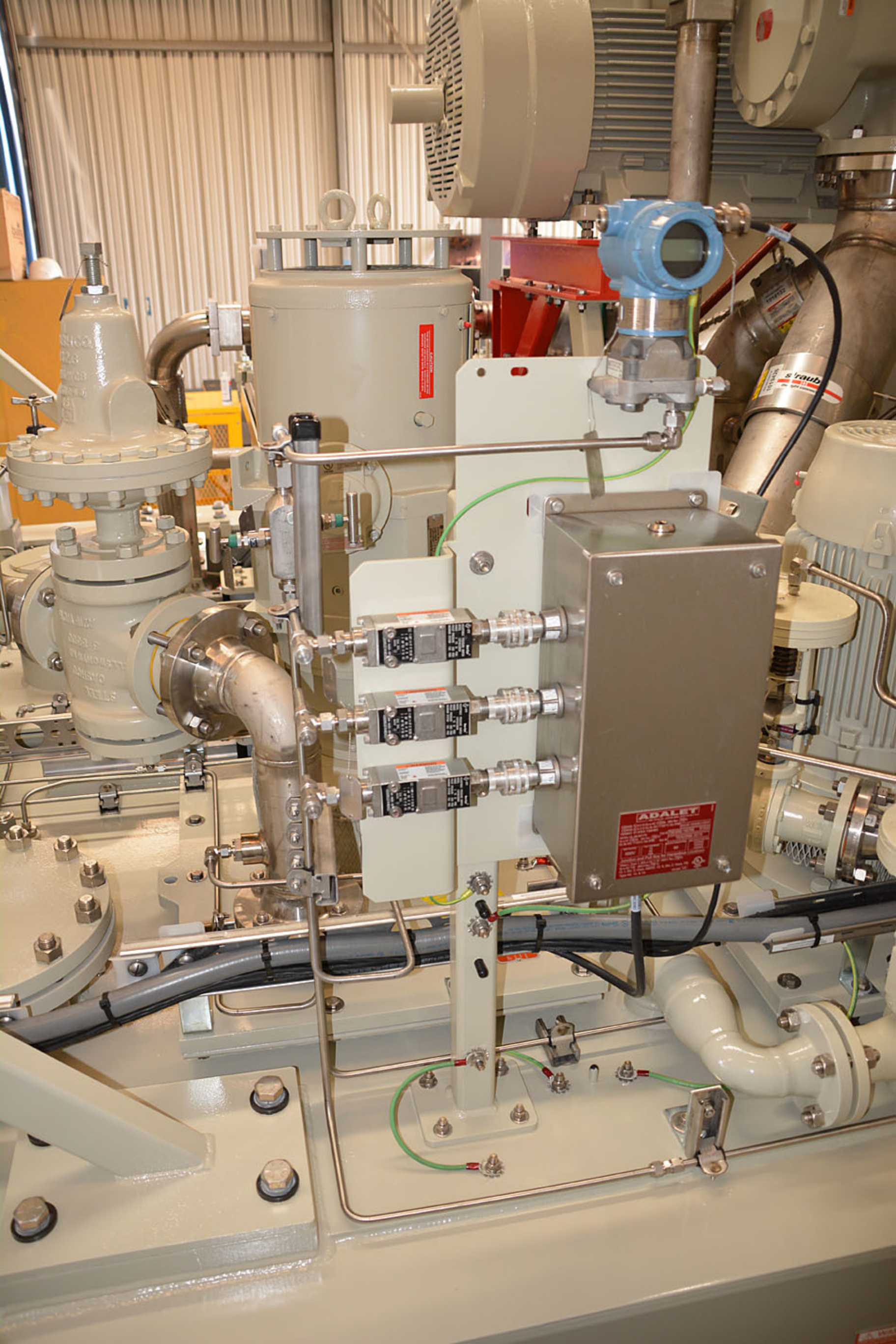


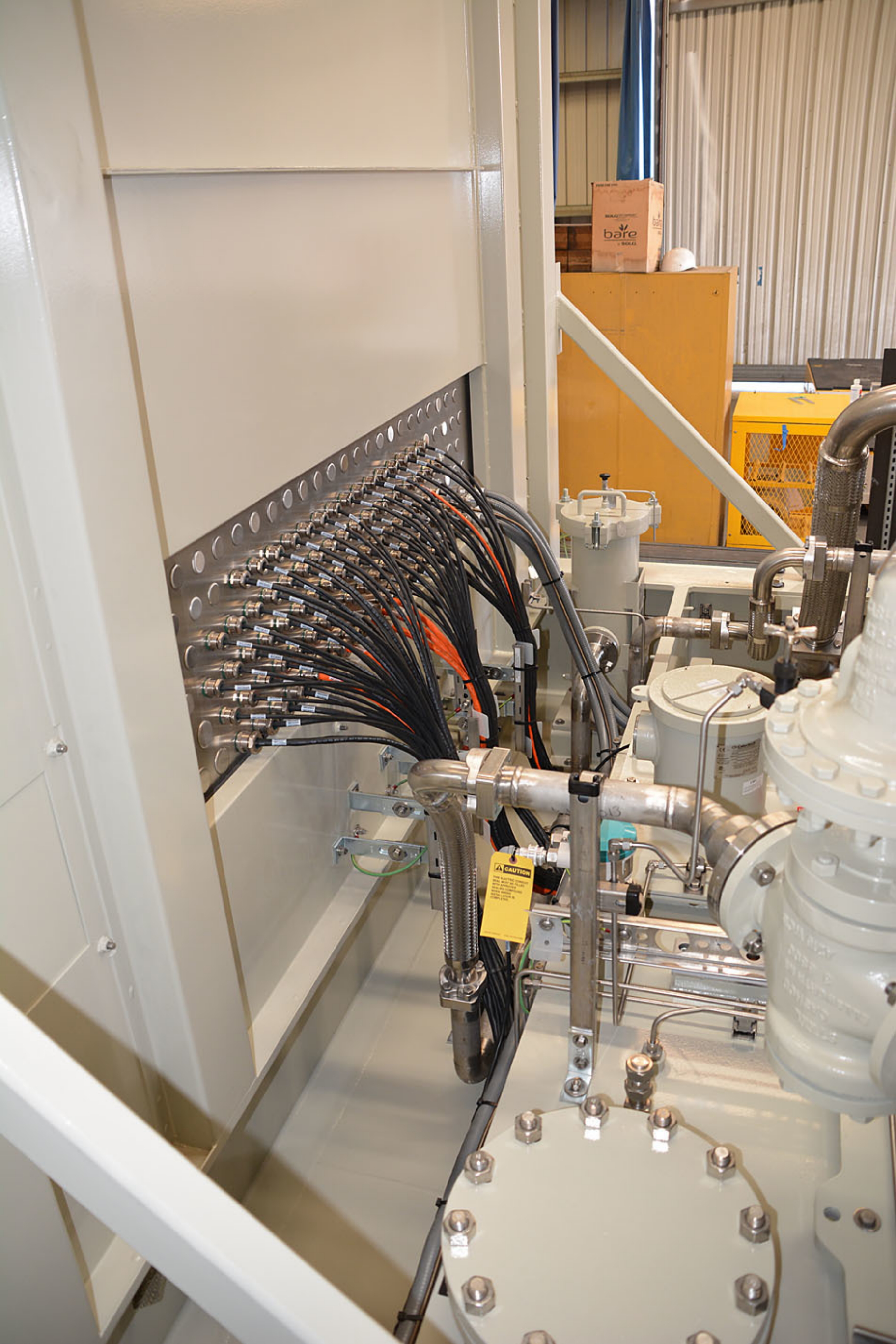




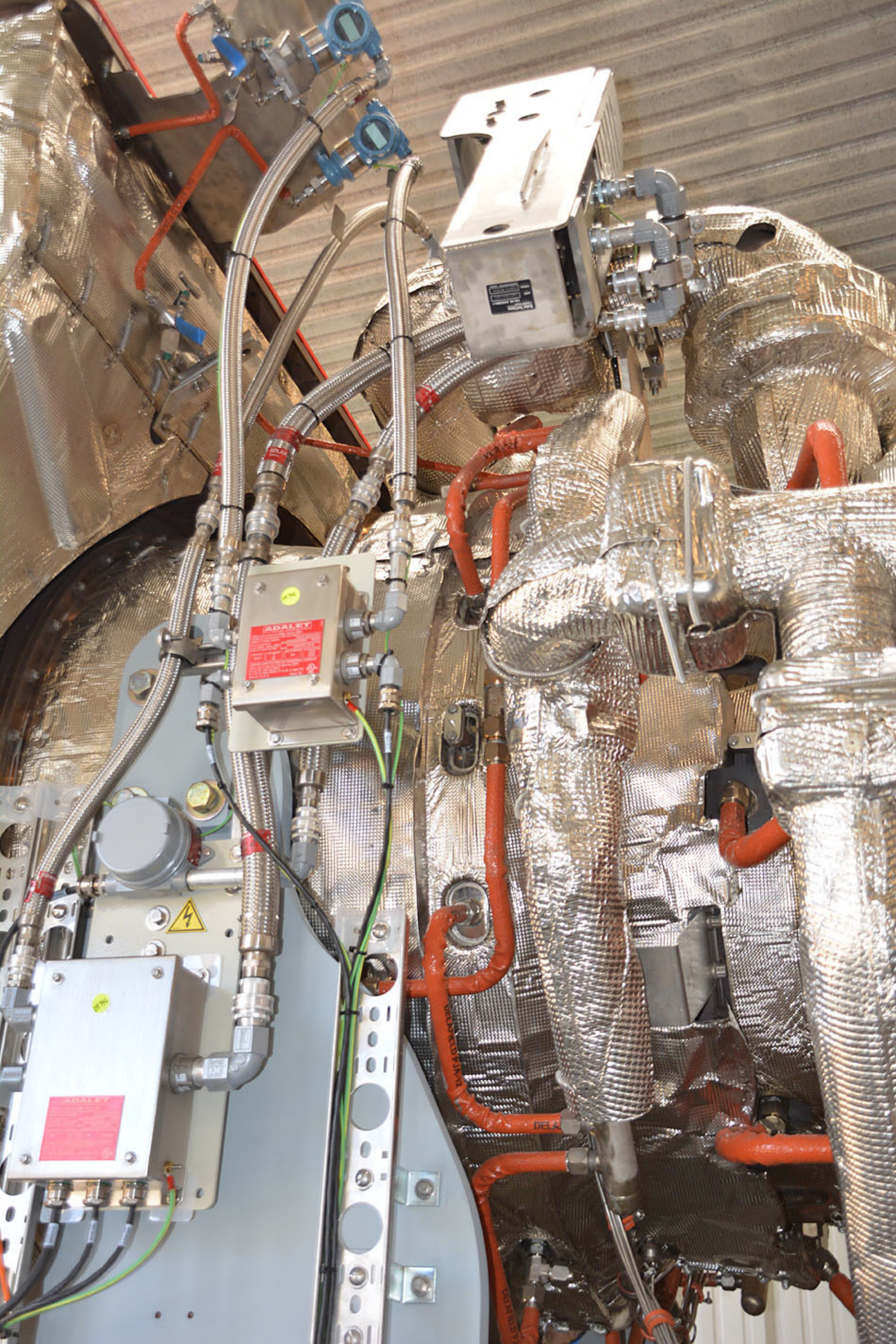












Solar Turbines TURBOTRONIC™

A Caterpillar Company

Solar Turbines Incorporated
4200 Ruffin Road
San Diego, CA 92123
USA

TURBINE CONTROL BOX

CONSOLE
SERIAL NO.

N-161764-2

S.O. NO.

2-3W141CC

EXTERNAL POWER REQUIREMENTS

120

VOLTS DC

20

AMPS

VOLTS AC

PH

Hz

AMPS



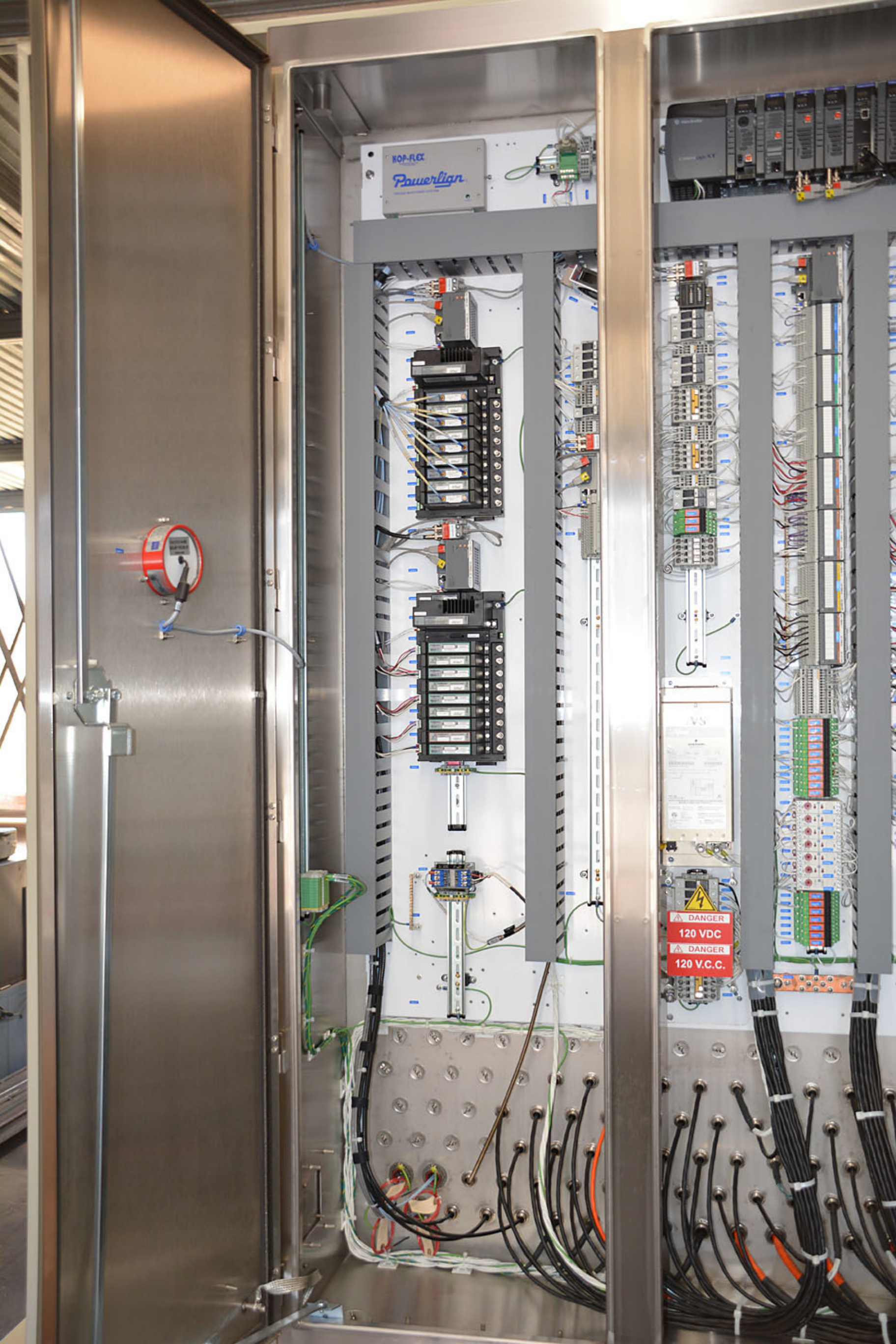
CERTIFIED EQUIPMENT FOR USE IN
CLASS I, DIVISION 2, GROUP D;
CLASS I, ZONE 2 IIA

TEMPERATURE CODE:

T3

ECT 387047

MANUFACTURED IN THE USA 1034040-956



KOP-FLEX[®]

WWW.KOPFLEX.COM
1-470-788-2000

Powerline[®]

TORQUE MONITORING SYSTEM

POWER

1606-XLDC

1606-XLDC Converter
100W 48VDC

100W 48VDC

100W 48VDC

100W 48VDC

100W 48VDC

100W 48VDC

100W 48VDC

100W 48VDC

100W 48VDC

100W 48VDC

100W 48VDC

100W 48VDC

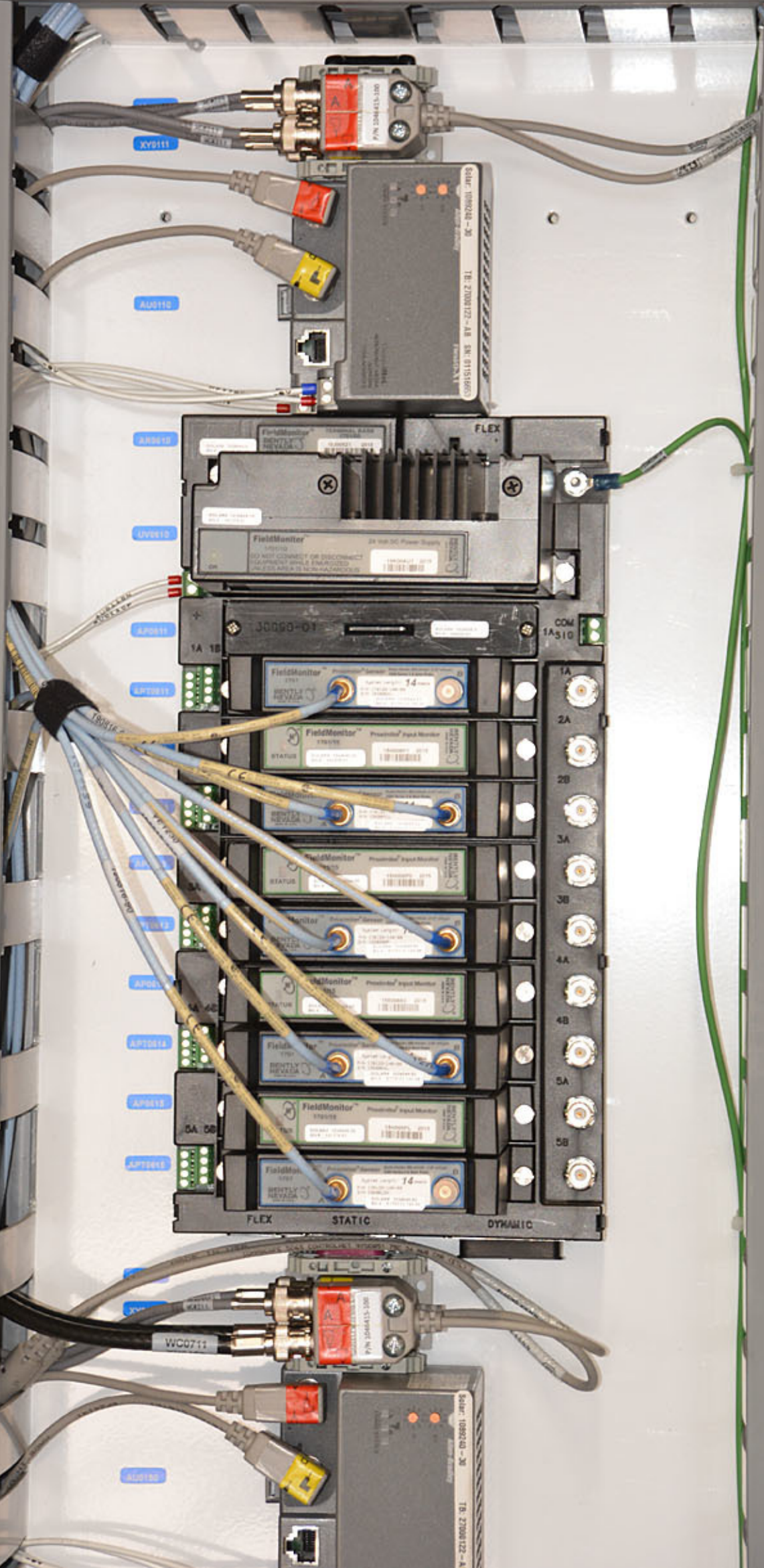
100W 48VDC

100W 48VDC

100W 48VDC

100W 48VDC

100W 48VDC



XYS111

AUS110

AR010

UV010

AP011

APT011

AP012

AP013

AP014

AP015

APT015

AUS110

FieldMonitor 17010
24 VDC Power Supply

FieldMonitor 17015
Pre-amplifier Input Monitor

FieldMonitor 17015
Pre-amplifier Input Monitor

FieldMonitor 17015
Pre-amplifier Input Monitor

FieldMonitor 17015
Pre-amplifier Input Monitor

FieldMonitor 17015
Pre-amplifier Input Monitor

FieldMonitor 17015
Pre-amplifier Input Monitor

FieldMonitor 17015
Pre-amplifier Input Monitor

FLEX
STATIC
DYNAMIC

COM 1A S10

1A 1B

1A
2A
2B
3A
3B
4A
4B
5A
5B

FieldMonitor 17015
Pre-amplifier Input Monitor

FieldMonitor 17010
24 VDC Power Supply

