

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

3500/60

Temperature Monitor

CONTROLLED ENGINEERING COPY

Record sensor type, scale, linearization, isolation mode and every alarm delay before replacing 3500/60.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	3500/60
Manufacturer part	3500/60
Hardware type	six temperature channels
System family	Bently Nevada 3500 System



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 3500/60 marking and its assigned Bently Nevada 3500 System position before work.
- 2

Place the connected bearing temperature process in the approved maintenance state.
- 3

Isolate every documented power, signal and stored-energy source before disconnecting conductors or cables.
- 4

Record the installed slot, connectors, conductors, addressing, firmware and software configuration before removal.
- 5

Use ESD-safe handling and protect keyed electrical, fiber or sensor interfaces as applicable.

MATCHED HARDWARE

- Bently Nevada 3500 System
- the documented companion module
- approved field wiring
- the controlled rack configuration

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	3500/60 / 3500/60 recorded
Physical interface	Bently Nevada 3500 System
Companion check	the documented companion module
Functional proof	Monitors six temperature points
Application test	Bearing temperature

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
channel count	six temperature channels
sensor inputs	RTDs and thermocouples
recorder outputs	not provided on the 3500/60
alarm handling	programmable alert and danger setpoints
TMR use	groups of three monitors may be used in Triple Modular Redundant arrangements
I/O choices	internal or external termination variants
isolation choices	non-isolated and isolated thermocouple configurations
isolated-channel rating	250 V channel-to-channel for the isolated thermocouple I/O option

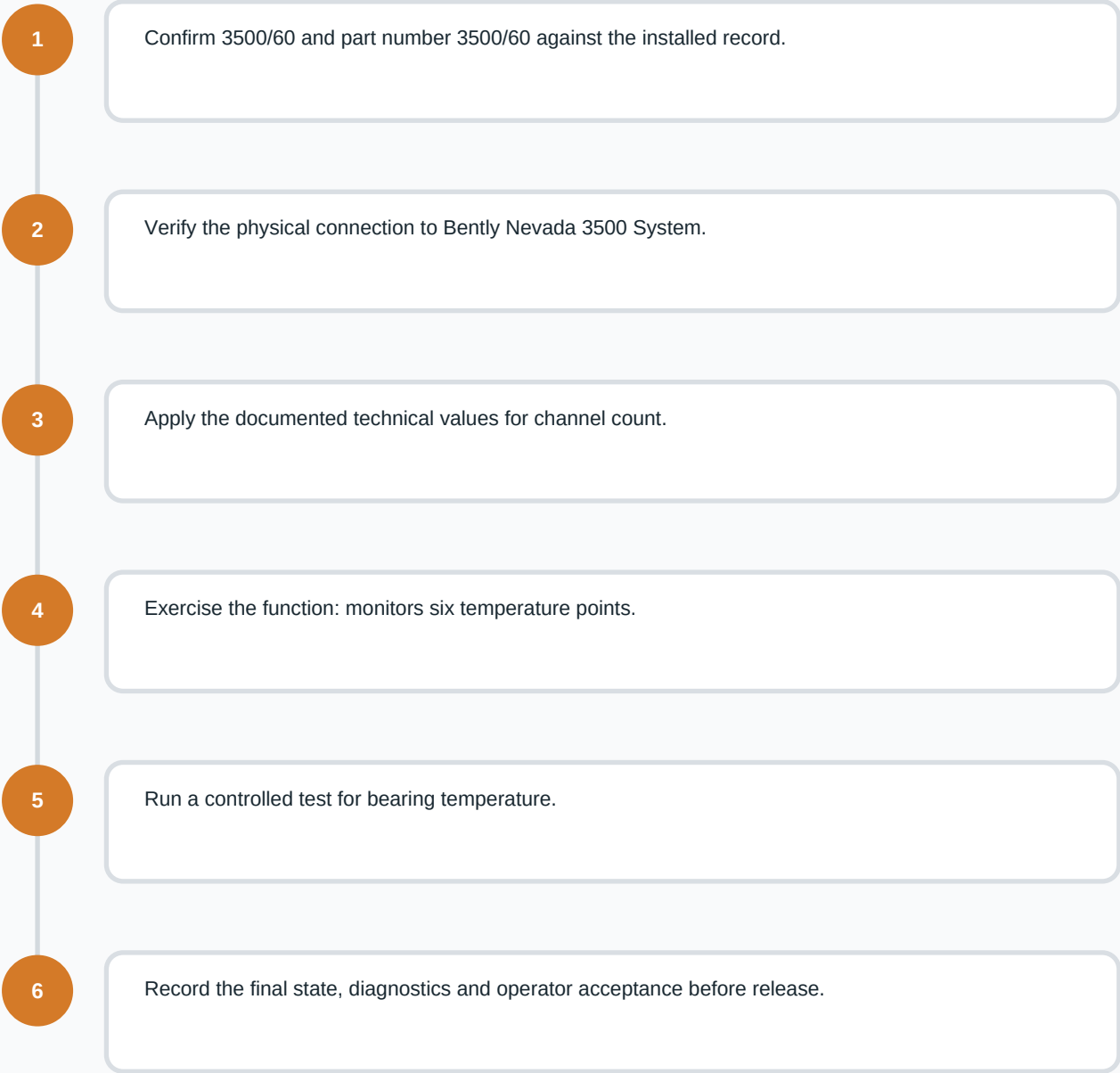
SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	Bently Nevada 3500 System
Companion hardware	the documented companion module
Field connection	approved field wiring
Primary system function	Monitors six temperature points
Controlled acceptance duty	Bearing temperature

FIELD NOTE

Record sensor type, scale, linearization, isolation mode and every alarm delay before replacing 3500/60.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	3500/60 / 3500/60 recorded
Physical interface	Bently Nevada 3500 System
Companion check	the documented companion module
Functional proof	Monitors six temperature points
Application test	Bearing temperature

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed Bently Nevada 3500 System and the documented companion module against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended winding temperature function and retain the final acceptance result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	3500/60
INSTALLED POSITION	Documented Bently Nevada 3500 System position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330881 28 05 050 03 02	Related industrial automation product	View Bently Nevada 330881 28 05 050 03 02 page
Bently Nevada 21504 00 48 10 02	Related industrial automation product	View Bently Nevada 21504 00 48 10 02 page
ABB 3HAC043569 004	Related industrial automation product	View ABB 3HAC043569 004 page
Bently Nevada 129525 0050 02	Related industrial automation product	View Bently Nevada 129525 0050 02 page
Bently Nevada 102044 00 32 10 02	Related industrial automation product	View Bently Nevada 102044 00 32 10 02 page
Bently Nevada 21000 11 05 00 085 03 02	Related industrial automation product	View Bently Nevada 21000 11 05 00 085 03 02 page
Bently Nevada 21000 15 10 00 166 03 02	Related industrial automation product	View Bently Nevada 21000 15 10 00 166 03 02 page
Bently Nevada 21000 28 05 00 070 01 02	Related industrial automation product	View Bently Nevada 21000 28 05 00 070 01 02 page

SOURCE IDENTIFIERS

3500/60 and 3500/61 Temperature Modules Datasheet
141540 Rev. L

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