



TITAN GOVERNMENT SERVICES

QA/QC INSPECTION CHECKLIST

Sample — Solar & Infrastructure Project

Titan Government Services

PROJECT INFORMATION

Item Information

Project Name Springfield Solar Expansion Project

Project Number TGS-2026-001

Contract Number WAAR209001

Prime Contractor ABC Infrastructure Solutions

Client / Agency Department of Defense

Site Location Springfield, Ohio

Inspection Date 05/22/2026

Inspector David Grinstead

Weather Conditions Clear / 72°F

QA/QC INSPECTION SUMMARY

Inspection Scope

QA/QC inspection performed to verify installation quality, compliance with approved plans/specifications, manufacturer requirements, NEC standards, and project quality requirements.

GENERAL SITE CONDITIONS

Item Status Notes

Site Housekeeping Acceptable Pass Fail Work areas clean and organized

Material Storage Acceptable Pass Fail Materials properly secured

Access Paths Maintained Pass Fail No obstructions observed

Safety Signage Installed Pass Fail All required signage present

SOLAR MODULE INSTALLATION

Inspection Item Status Notes

Module Alignment Acceptable Pass Fail Rows aligned properly

Clamp Locations Correct Pass Fail **Within approved zones**

Module Torque Verified Pass Fail **Per manufacturer specs**

No Visible Module Damage Pass Fail **No cracks/scratches observed**

Module Labels Visible Pass Fail **Labels accessible**

RACKING SYSTEM INSPECTION

Inspection Item Status Notes

Rails Installed Per Drawings Pass Fail **Verified**

Structural Connections Secure Pass Fail
Hardware tightened

Grounding/Bonding Installed Pass Fail
Continuous grounding path

Rail Splices Installed Correctly Pass Fail **Per manufacturer specs**

Corrosion Protection Intact Pass Fail **No coating damage**

ELECTRICAL INSTALLATION INSPECTION

Inspection Item Status Notes

Conduit Installation Acceptable Pass Fail **Proper support spacing**

Wire Management Acceptable Pass Fail **No loose conductors**

Labeling Installed Properly Pass Fail **NEC compliant**

Grounding Verified Pass Fail **Verified continuity**

Disconnects Accessible Pass Fail **Clear working space maintained**

EQUIPMENT INSPECTION

Equipment Status Notes

Inverters Pass Fail **Installed per plans**

Combiner Boxes Pass Fail **Proper labeling installed**

Switchgear Pass Fail **Secure and level**

Battery Storage System Pass Fail **No visible deficiencies**

Monitoring Equipment Pass Fail **Properly mounted**

SAFETY COMPLIANCE

Inspection Item Status Notes

PPE Compliance Observed Pass Fail All personnel compliant

Fall Protection Utilized Pass Fail Proper tie-off observed

LOTO Procedures Followed Pass Fail Verified onsite

**Equipment Inspections Current Pass Fail
Documentation available**

DEFICIENCIES IDENTIFIED

Deficiency Severity Corrective Action

**Minor conduit support spacing adjustment needed Low
Adjust support spacing to specification**

Label missing on disconnect Medium Install NEC-compliant label

CORRECTIVE ACTION STATUS

Open

Closed

Pending Reinspection

PHOTO DOCUMENTATION

- Module Installation Photos**
- Racking Photos**
- Electrical Installation Photos**
- Grounding Verification Photos**
- Equipment Photos**
- Labeling Photos**

Photo File Location:

TGS_Project_Photos/QAQC/05-22-2026/

INSPECTION CONCLUSION

The inspected work was found to be generally compliant with approved project drawings, manufacturer requirements, and applicable code standards. Minor deficiencies identified during inspection were documented for corrective action. Overall installation quality was

determined to be acceptable pending resolution of noted items.

SIGNATURES

QA/QC Inspector

Name: David Grinstead

Signature: _____

Date: 05/22/2026

Reviewed By

Name: _____

Title: _____

Signature: _____

Date: _____

TITAN GOVERNMENT SERVICES

Operational Excellence. Mission Ready.