

BESS Signage Quality Inspection Checklist

Battery Energy Storage System Signage Compliance Audit

Facility Name:

Location:

Inspector:

Date:

Instructions: Conduct inspections quarterly or after system modifications. Check each item and note deficiencies below. Address all issues before next inspection.

Environmental Condition Assessment

- All outdoor signage shows no UV fading or color degradation
- No warping, delamination, or material deterioration visible
- Adhesive bonds remain secure with no lifting or peeling
- Text and symbols remain fully legible at normal viewing distance
- No moisture damage, condensation, or water infiltration

Technology-Specific Information Accuracy

- Battery technology type correctly identified (lithium-ion, chemistry)
- Voltage ratings match current system configuration
- Fault current calculations include date of last update
- Fire suppression system type accurately specified
- Emergency contact information current and functional

Hazard-Specific Warnings

- Thermal runaway warnings present where required
- Evacuation distances specified for gas emission risks
- DC system warnings identify no zero-crossing hazard
- Re-ignition risk communicated on emergency signage
- Chemical hazards (electrolyte, gases) clearly identified

Regulatory Compliance

- NEC Article 480 requirements met for disconnect labels
- NFPA 70E arc flash label format followed correctly
- Emergency shutoff information on light-reflective surfaces
- Local jurisdiction requirements verified and met
- Perimeter signage meets spacing and content requirements

Deficiencies Identified & Corrective Actions Required:

Additional Observations:

Inspector Signature:

Safety/Compliance Officer Review:

Date:

Date: