Light Pole Weld Inspection Checklist

BUYER / INSPECTOR WORKSHEET | A. Fabrication and weld inspection

Project: _____ Pole / component ID: _____
Drawing / revision: _____ WPS / inspection plan: _____
Inspector: _____ Date: _____ Report ID: _____

Check / review point	Status *	Evidence / location / action
01 Drawing and joint identification Match pole ID, drawing revision and each connection detail. Note weld symbols, required size and extent.	___	Ref: _____ _____
02 Material traceability Match steel identification and material records to the component being reviewed.	___	Ref: _____ _____
03 Welding procedure Record applicable WPS ID, process and qualification basis required by the project.	___	Ref: _____ _____
04 Welder identification Record welder / operator identification and applicable qualification reference.	___	Ref: _____ _____
05 Fit-up and alignment Review specified preparation, alignment, base geometry and dimensional records.	___	Ref: _____ _____
06 Accessible weld dimensions Compare specified leg / throat and effective extent with the finished joint; record readings by location.	___	Ref: _____ _____
07 Surface examination Record visual findings against the applicable criteria; identify locations needing assessment.	___	Ref: _____ _____
08 Additional examination Check method, coverage, report and acceptance basis where additional NDT is specified.	___	Ref: _____ _____

*Status: R = reviewed; A = action required; N/A = not applicable (give reason). A tick is not a test result.

Open action / responsible person / due date: _____
_____

Use with approved drawings, the applicable WPS and the project inspection plan. This worksheet supplies no universal weld size, NDT percentage or acceptance limit. Preserve the associated measurements and signed inspection reports.

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BUYER / INSPECTOR WORKSHEET | B. Cleaning, coating readiness and delivery

Project: _____ Pole / component ID: _____
Drawing / revision: _____ WPS / inspection plan: _____
Inspector: _____ Date: _____ Report ID: _____

Check / review point	Status *	Evidence / location / action
09 Repair closure Confirm repair route, defect location and reinspection result before fabrication release.	___	Ref: _____ _____
10 Slag and flux removal Check weld faces and corners for residues that normal galvanizing chemical cleaning will not remove.	___	Ref: _____ _____
11 Spatter and edge finishing Check projections and finish requirements. Preserve the designed weld and base-metal section.	___	Ref: _____ _____
12 Venting and drainage Check openings and pockets against the coordinated drawing and galvanizer requirements.	___	Ref: _____ _____
13 Pre-galvanizing release Record inspector, date, component ID and outstanding actions before surface treatment.	___	Ref: _____ _____
14 Coating at connections Review specified zinc / paint evidence, local condition and repair records separately from weld acceptance.	___	Ref: _____ _____
15 Handling and packing Check required handling cure, protective pads, strap isolation and component identification.	___	Ref: _____ _____
16 Delivery quality file Link drawings, fabrication records, specified inspection reports and coating release to the delivered items.	___	Ref: _____ _____

*Status: R = reviewed; A = action required; N/A = not applicable (give reason). A tick is not a test result.

Open action / responsible person / due date: _____
_____

Use with approved drawings, the applicable WPS and the project inspection plan. This worksheet supplies no universal weld size, NDT percentage or acceptance limit. Preserve the associated measurements and signed inspection reports.