Plate Placement Method (PPM) Inspection Form

Frequency: 3 Trusses Per Set-Up Location Per Week - Inspect All Critical Joints On Each Side Of Truss

Inspection Date:______________ Job Number:_______________

Inspection Number:______________ Truss ID:_______________

Joint

Joint QC Detail needed for shaded areas

Side	Joint		Plate				Placement (midpoint)			Rotation		Tooth Embedment		Gap (mbr-to-mbr)	
			Specified		(1) Actual										
(F/B)	Number	Type*	Size	Gage	Size	Gage	(1) & (2) Inside polygon	Distance from specified	(3) Inside TCM polygon?	(1) Angle 10° or less?	Degree of rotation	(1) Plate edge gap ≤1/32"?	Measure height if >1/32"	(1) Is gap ≤1/8"?	Measure gap if >1/8"
F B							yes no		yes no	yes no		yes no		yes no	
F B							yes no		yes no	yes no		yes no		yes no	
F B							yes no		yes no	yes no		yes no		yes no	
F B							yes no		yes no	yes no		yes no		yes no	
F B							yes no		yes no	yes no		yes no		yes no	
F B							yes no		yes no	yes no		yes no		yes no	
F B							yes no		yes no	yes no		yes no		yes no	
F B							yes no		yes no	yes no		yes no		yes no	
F B							yes no		yes no	yes no		yes no		yes no	
F B							yes no		yes no	yes no		yes no		yes no	
F B							yes no		yes no	yes no		yes no		yes no	
F B							yes no		yes no	yes no		yes no		yes no	

**E=Exterior H=Heel I=Interior IS=Interior Splice P=Peak S=Splice*

***Found = All teeth including rolled, defective, and embedment.*

Member

Side (F/B)	Joint Number	Member (i.e., 3-5)	Defects		Number of Teeth						
			(4)Defect circle > filled in?	% of circle filled in	Required	Found**	Defective	Rolled	Plate and member gap >1/32"	>1/16"	>3/32"
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
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F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								
F B			yes no								

Comments:

Additonal Notes:

(1) If wrong plate size or gage, placement out of the TCM polygon, rotation greater than 10°, or member gap > 1/8" for that side's joint you will not need to fill out members because the joint needs to be repaired.

(2) If midpoint is outside polygon rerun the actual placement in the design software or print the TCM polygon. In both cases verify teeth in the members.

(3) Only answer if outside PPM polygon.

(4) Only circle yes if the defect circle is more than filled in. If the defect circle is more than filled in count teeth for that member only.

Initials verifying that errors on form have been corrected: ________

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