

 Marathon Petroleum Company LP	RULES & STANDING INSTRUCTIONS	08-27-F01
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Tier 1 Grating and Platform Survey Checklist

Area:	Date:	
Unit:	Auditor Names:	

Checklist Inspection Guidance

The load bearing edges are generally the long ends of the grating where the bearing ends of the bearing bars sit on the support steel or concrete. Check for signs of excessive corrosion and physical damage to the grating, supports and grating clips.

	Grating - General Conditions	Yes	No	Corrective Actions
1	Is any grating missing?			If yes, hard barricade area immediately, notify supervisor, enter Safety Work Order
2	Is the grating bent, bowed, not level, or flexes (greater than 1/4") when walked on?			If yes, hard barricade area immediately, notify supervisor, enter Safety Work Order
3	Is the grating supported on load bearing edges with at least 1" of overlap onto the supports?			If no, hard barricade area immediately, notify supervisor, enter Safety Work Order
4	Is the grating installed with the serrated-surface facing up?			If no, hard barricade area immediately, notify supervisor, enter Safety Work Order
5	For penetrations in the grating is a toe-board installed?			If no, hard barricade area immediately, notify supervisor, enter Safety Work Order
6	Is grating or support system corroded to a point where the integrity of grating is compromised?			If yes, hard barricade area immediately, notify supervisor, enter Safety Work Order
7	Is the grating size and/or configuration such that the grating will not fall between the supports?			If no, hard barricade area immediately, notify supervisor, enter Safety Work Order
	Secured Down with Clips, and Welded	Yes	No	Corrective Actions
8	Are at least 2 "tie down" clips installed on each support (e.g. 6-8 clips per grating section)?			If no, hard barricade area immediately, notify supervisor, enter Safety Work Order
9	Are grating clips tightened and secured in place?			If no, hard barricade area immediately, notify supervisor, enter Safety Work Order
10	Is the grating welded at a minimum of two places per support?			If no, hard barricade area immediately, notify supervisor, enter Safety Work Order

NOTES:
Work Order #(s) _____, _____

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Examples of Visual Inspection Elements



Correct - Grating installed correctly with serrated-surface facing up.

Incorrect - Serrated surface is facing down... grating installed upside down



Correct - Grating clips secured to the support

Incorrect – Less than 1" of grating on the support. No clips or welds.



Incorrect - Single grating clip on support

Incorrect - Hole in grating