

24TH ANNUAL



24TH LCI CONGRESS
OCTOBER 18-21

Using Last Planner System® to Improve Communication


Christina Parrott, Bilfinger Industrial Services Inc.

LEAN GUMBO: THE RIGHT INGREDIENTS FOR PROJECT SUCCESS


October 19, 2022




Our Communication Tool

							Weekly Work Plan: October Project: Overall Site													
#	Task Description	Task-Specific Safety Items	Final MakeReady Plans	Craft	Planned Unplanned To Be Scheduled	Notes	Period to Perform This Task													
							M	T	W	T	F	S	Su	M	T	W	T	F	S	Su
							WEEK OF 10/17/2022							WEEK OF 10/24/2022						
1	Set and align new equipment modules	Rigging plan		Millwright 1st Shift	Planned		15	15	15	15	15			11	11	11	11	11		
2	Set and align new equipment modules	Rigging plan		Millwright 2nd Shift	Planned		8	8	8	8	8			8	8	8	8	8		
3	Equipment module upgrade items	Ladders		Sheetmetal 1st Shift	Planned		2	2	2	2	2									
4	Pework Piping on New Unit			Pipefitter 1st Shift	Planned		1	1												
5	Piping tie-ins for new equipment	LOTO	Downtime	Pipefitter 1st Shift	Planned		6													
6	Duct tie-ins for new equipment	LOTO Fall protection	Downtime	Sheetmetal 1st Shift	Planned		7													
7	Clean up/materials support for tie-in	Ground watch for equipment moves		Laborer 1st Shift	Planned		3													

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	Weekly Work Plan: October																												
	Project:	Overall Site																											
Hiring Information	Who Will Do Work	Time Period														Time Period													
		M	T	W	T	F	S	Su	M	T	W	T	F	S	Su	M	T	W	T	F	S	Su	M	T	W	T	F	S	Su
		WEEK OF 10/17/2022							WEEK OF 10/24/2022							WEEK OF 10/31/2022							WEEK OF 11/7/2022						
Summary Information by Craft																													
May be week of 10/31 but could be later depending on equipment deliveries	Pipefitter 1st Shift	7	7	7	7	7	0	0	7	7	7	7	7	0	0	9	9	9	9	9	0	0	9	9	9	9	9	0	0
	Pipefitter 2nd Shift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4	0	0	4	4	4	4	4	0	0
Maintaining current staffing levels through equipment install 11/4	Millwright 1st Shift	15	15	15	15	15	0	0	15	15	15	15	15	0	0	15	15	15	15	15	0	0	8	8	8	8	8	0	0
	Millwright 2nd Shift	8	8	8	8	8	0	0	8	8	8	8	8	0	0	8	8	8	8	8	0	0	0	0	0	0	0	0	0
Rehiring 4 on 10/24 (1 may be late week of 10/17)	Electrician 1st Shift	3	3	3	3	3	0	0	7	7	7	7	7	0	0	7	7	7	7	7	0	0	7	7	7	7	7	0	0
	Electrician 2nd Shift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Laborer 1st Shift	3	3	3	3	3	0	0	2	2	2	2	2	0	0	2	2	2	2	3	0	0	3	3	3	3	3	0	0
	Laborer 2nd Shift	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	
	Sheetmetal 1st Shift	9	9	9	9	9	0	0	9	9	9	9	9	0	0	9	9	9	9	9	0	0	9	9	9	9	9	9	9
	Sheetmetal 2nd Shift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Civil 1st Shift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Civil 2nd Shift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Shop	12	12	12	12	12	0	0	12	12	12	12	12	0	0	12	12	12	12	12	0	0	12	12	12	12	12	0	0
Total on Site		57	57	57	57	57	0	0	61	61	61	61	61	0	0	67	67	67	67	67	0	0	52	52	52	52	52	9	9

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							WEEK OF 10/17/2022							WEEK OF 10/24/2022						
48	Reinstall 480V Disconnect			Electrician 1st Shift	To Be Scheduled	Waiting for plant decision on structural before electrical can complete														
49	General Elect. Work as Required for Department			Electrician 1st Shift	To Be Scheduled															
50	Shop Roof Supports for Pipe Penetration	Fall protection plan	Materials on site Scaffolding access	Millwright 1st Shift	To Be Scheduled	Material ordered; waiting on delivery then execution timing (1st week of December?)														
51	Change out equipment and re-install assembly on new equipment	Rigging plan Fall protection plan		Millwright 1st Shift	To Be Scheduled	November/December? Coordinate with other project downtimes														
52	Install Angle supports and decking		Materials on site	Millwright 1st Shift	To Be Scheduled	1st week of December?														



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In the spirit of continuous improvement, we would like to remind you to complete this session's survey! We look forward to receiving your feedback.



Contact Us

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Thank you for attending this presentation. Enjoy the rest of the 24th Annual LCI Congress!

