

LEGEND

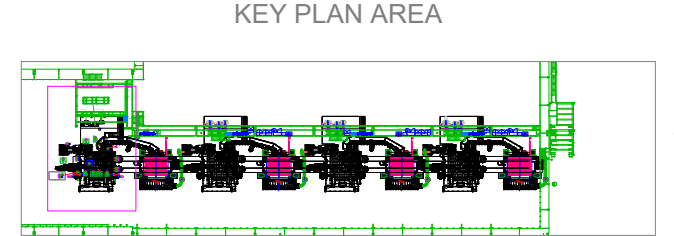
ELECTRICAL PANEL

ELECTRICAL MOTOR

LOCAL CONTROL BOX (LCB)

INSTRUMENT JUNCTION BOX

Item Nbr	Cabinet Name	Description	Tempnative dimensions (WxHxD)	Level
1	#43.31-3321-TMT-GEN01-PCP01	TMT main power control panel	1400x2200x600	E-room
2	#43.31-3321-TMT-GEN01-LCP01	TMT general local control panel	800x2000x400	+0,000
3	#43.31-3321-TMT-ESR00-RI001	TMT energy sources remote I/O: fans technical room	1200x1200x400	-3,400
4	#43.31-3321-TMT-ESR00-RI002	TMT energy sources remote I/O: main gas & O2 skid	1200x1200x400	+5,100
5	#43.31-3321-TMT-CBS01-RI001	Combustion area remote IO	1200x1200x400	+4,700
6	#43.31-3321-TMT-MCH01-RI001	Auxiliaries remote IO	1200x1200x400	+4,700
7	#43.31-3321-TMT-MCH01-LCB01	Roof access local control box	200x150x80	+1,500
8	#43.31-3321-TMT-MCH01-LCB02	Main door local control box	200x150x80	+1,500
9	#43.31-3321-TMT-MCH01-LCB03	Bath TIC local control box	300x400x120	+4,700
10	#43.31-3321-TMT-MCH01-LCB04	Side door local control box	300x400x120	+1,500
11	#43.31-3321-TMT-MCH01-LCB05	Tilting & spout local control box	200x150x80	+1,500
12	#43.31-3321-TMT-CBS01-IJB01	Burners roof area instrumentation junction box	500x500x120	+4,700
13	#43.31-3321-TMT-CBS01-IJB02	Burner #1 instrumentation junction box	500x500x120	+1,200
14	#43.31-3321-TMT-CBS01-IJB03	Burner #2 instrumentation junction box	500x500x120	+1,200
15	#43.31-3321-TMT-MCH01-IJB01	Left side door instrumentation junction box	300x400x120	+4,700
16	#43.31-3321-TMT-MCH01-IJB02	Right side door instrumentation junction box	300x400x120	+4,700
17	#43.31-3321-TMT-MCH01-IJB03	Chimney instrumentation junction box	300x400x120	+7,000
18	#43.31-3321-TMT-MCH01-IJB04	Spout cover instrumentation junction box	300x400x120	+3,700
19	#43.31-3321-TMT-ESR20-IJB01	Combustion gas main skid instrumentation junction box	400x500x120	+5,100
20	#43.31-3321-TMT-ESR50-IJB01	Compressed air main skid instrumentation junction box	400x500x120	+5,100
21	#43.31-3321-TMT-ESR10-DSS01	Combustion Fan disconnecter switch	300x250x150	-3,400
22	#43.31-3321-TMT-ESR70-DSS01	Pilot Combustion Fan disconnecter switch	200x150x120	-3,400
23	#43.31-3321-TMT-ESR90-DSS01	Exhaust fan disconnecter switch	500x400x100	-3,400
24	#43.31-3321-TMT-MCH01-DIS001	Bath thermocouple retraction motor disconnecter switch	150x150x120	+4,700
25	#43.31-3321-TMT-CVT01-PCP01	Monitoring camera power control panel #01	1000x500x100	+4,700
26	#43.31-3321-TMT-CVT01-PCP02	Monitoring camera power control panel #02	1000x500x100	+4,700
27	#43.31-3321-SFS-GEN01-PCP01	STATS RFI power control panel	1200x1200x600	+0,000
28	#43.31-3321-TMT-GEN01-PCP01	Plant cable routing power distribution panel	1200x1200x600	-3,400
29	#43.31-3321-TMT-CVT01-LCB01	Monitoring camera local control box #01	200x200x200	+4,700
30	#43.31-3321-TMT-CVT01-LCB02	Monitoring camera local control box #02	200x200x200	+4,700
31	#43.31-3321-TMT-CBS01-BCU01	Burner Control Unit #01	300x300x200	+4,700
32	#43.31-3321-TMT-CBS01-BCU02	Burner Control Unit #02	300x300x200	+4,700
33	#43.31-3321-TMT-LAN01-IJB01	Dam instrumentation junction box	300x300x200	+1,200



A	2025/11/28	Initial release	ANSA	ANSA	RORI
Rev.	Date	Revisions description	Designed	Drawn	Approved
CONTRACTOR			CONTRACTOR dwg number		Rev.
		2558-3321-TMT-E-DWG-EEAL		A	
CLIENT			CLIENT dwg number		Rev.
Project Name		ALFAGEN			
Title		Equipment Electrical Arrangement Layout - 3321 Melter Furnace 25Tn			
DESIGNED: ANSA	DRAWN: ANSA	APPROVED: RORI	Scale	1:75	
DATE: 2025/11/28	DATE: 2025/11/28	DATE: 2025/11/28	Format	A1	
			Sheet	1 of 1	