

LEGEND

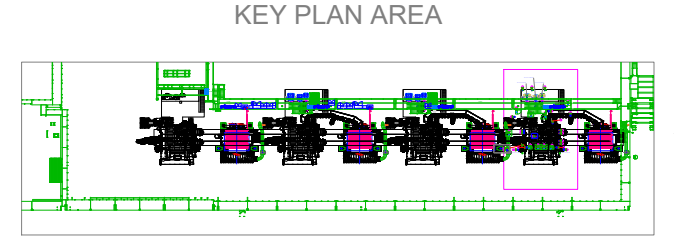
ELECTRICAL PANEL

ELECTRICAL MOTOR

LOCAL CONTROL BOX (LCB)

INSTRUMENT JUNCTION BOX

Item Nbr	Cabinet Name	Description	Tempnative dimensions (WxHxD)	Level
1	r46.31-3324-TMT-GEN01-PCP01	TMT main power control panel	3400x2200x600	E-Room
2	r46.31-3324-TMT-GEN01-LCP01	TMT general local control panel	800x2000x400	+0,000
3	r46.31-3324-TMT-ESR00-RI001	TMT energy sources remote I/O: fans technical room	1200x1200x400	-3,400
4	r46.31-3324-TMT-ESR00-RI002	TMT energy sources remote I/O: main gas & O2 skid	1200x1200x400	+5,100
5	r46.31-3324-TMT-CB501-RI001	Combustion area remote IO	1200x1200x400	+4,700
6	r46.31-3324-TMT-MCH01-RI001	Auxiliaries remote IO	1200x1200x400	+4,700
7	r46.31-3324-TMT-MCH01-LCB01	Roof access local control box	200x150x80	+1,500
8	r46.31-3324-TMT-MCH01-LCB02	Main door local control box	200x150x80	+1,500
9	r46.31-3324-TMT-MCH01-LCB03	Bath TC local control box	300x300x210	+4,700
10	r46.31-3324-TMT-MCH01-LCB04	Side door local control box	300x300x210	+1,500
11	r46.31-3324-TMT-MCH01-LCB05	Tilting & spout local control box	200x150x80	+1,500
12	r46.31-3324-TMT-CB501-IJB01	Burners roof area instrumentation junction box	500X500X210	+4,700
13	r46.31-3324-TMT-CB501-IJB02	Burner #1 instrumentation junction box	500X500X210	+1,200
14	r46.31-3324-TMT-CB501-IJB03	Burner #2 instrumentation junction box	500X500X210	+1,200
15	r46.31-3324-TMT-MCH01-IJB01	Left side door instrumentation junction box	300x300x210	+4,700
16	r46.31-3324-TMT-MCH01-IJB02	Right side door instrumentation junction box	300x300x210	+4,700
17	r46.31-3324-TMT-MCH01-IJB03	Chimney instrumentation junction box	300x300x210	+7,000
18	r46.31-3324-TMT-MCH01-IJB04	Spout cover instrumentation junction box	300x300x210	+3,700
19	r46.31-3324-TMT-ESR20-IJB01	Combustion gas main skid instrumentation junction box	400X500X210	+5,100
20	r46.31-3324-TMT-ESR30-IJB01	Compressed air main skid instrumentation junction box	400X500X210	+5,100
21	r46.31-3324-TMT-ESR10-DSS01	Combustion Fan disconnect switch	300x250x150	-3,400
22	r46.31-3324-TMT-ESR70-DSS01	Pilot Combustion Fan disconnect switch	200x150x120	-3,400
23	r46.31-3324-TMT-ESR90-DSS01	Exhaust fan disconnect switch	500x400x300	-3,400
24	r46.31-3324-TMT-MCH01-DSS01	Bath the moscouple retraction motor disconnect switch	150x150x120	+4,700
25	r46.31-3324-TMT-CV701-PCP02	Monitoring camera power control panel #01	1000x500x300	+4,700
26	r46.31-3324-TMT-CV701-PCP02	Monitoring camera power control panel #02	1000x500x300	+4,700
27	r46.31-3324-SFS-GEN01-PCP01	STAS RFI power control panel	1200x2100x500	-0,000
28	r46.31-3324-TMT-GEN01-PCP01	Plant cable routing power distribution panel	1300x2100x500	-3,400
29	r46.31-3324-TMT-CV701-LCB01	Monitoring camera local control box #01	200x200x200	+4,700
30	r46.31-3324-TMT-CV701-LCB02	Monitoring camera local control box #02	200x200x200	+4,700
31	r46.31-3324-TMT-CB501-BCU01	Burner Control Unit #01	300x300x200	+4,700
32	r46.31-3324-TMT-CB501-BCU02	Burner Control Unit #02	300x300x200	+4,700
33	r46.31-3324-TMT-LAN01-IJB01	Dam instrumentation junction box	300x300x200	+1,200



Rev.

2025/11/28

Initial release

ANSA

ANSA

RORI

Revisions description

Designed

Drawn

Approved

CONTRACTOR

CONTRACTOR dwg number

2558-3324-TMT-E-DWG-EEAL

Rev.

A

CLIENT

CLIENT dwg number

Rev.

-

Project Name

ALFAGEN

Title

Equipment Electrical Arrangement Layout - 3324 Melter Furnace 25Tn

Scale

1:75

DESIGNED: ANSA

DRAWN: ANSA

APPROVED: RORI

Format

A1

DATE: 2025/11/28

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Sheet

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