

Balloon
Pos.
Qty.

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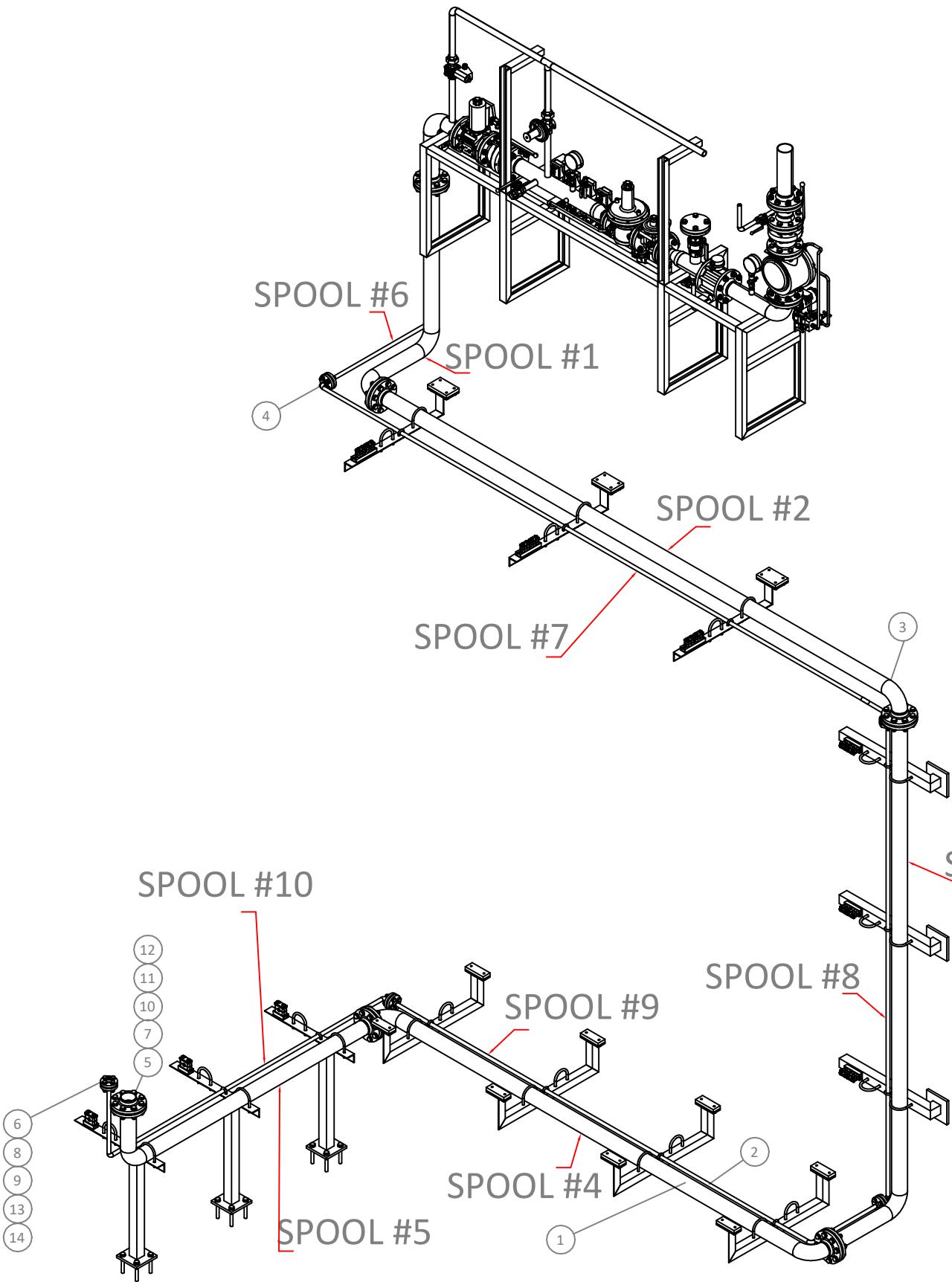
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Before manufacturing this part, carefully review the drawing and clarify all doubts.

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Nº	MATERIAL	QTY
1	PIPE DN80 THICKNESS 3.2MMS CS P235TR1 EN10216-1 (SEAMLESS)	17m
2	PIPE DN15 THICKNESS 2MMS CS P235TR1 EN10216-1 (SEAMLESS)	17m
3	ELBOW 90° DN80 THICKNESS 3.2MMS RADIUS 3D BW CS P265GH EN10253-1	7
4	ELBOW 90° DN15 THICKNESS 2MMS RADIUS 3D BW CS P265GH EN10253-1	7
5	WN FLANGE DN80 PN16 BW P235TR1 EN1092-1 TYPE 11 (DIN2633)	10
6	WN FLANGE DN15 PN16 BW P235TR1 EN1092-1 TYPE 11 (DIN2633)	10
7	GASKET DN80 PN16 3MMS DIN2690 KLINGERSIL C-4430	6
8	GASKET DN15 PN16 3MMS DIN2690 KLINGERSIL C-4430	6
9	BOLTS M12X55 8.8 DIN933 CS ZN	24
10	BOLTS M16X60 8.8 DIN933 CS ZN	48
11	NUTS M16 8 DIN934 CS ZN	48
12	GROWER WASHERS M16 DIN127 CS ZN	96
13	NUTS M12 8 DIN934 CS ZN	24
14	GROWER WASHERS M16 DIN127 CS ZN	48

**UNSPECIFIED WELDS:**

70% JOINT WITHOUT BEVEL    40% JOINT WITH BEVEL    70% 50-100 REINFORCEMENT JOINT    80% PIPE/PROFILE JOINT    40% PLATE SPLICING

Note: Percentage (%) of the weld in relation to the smallest section of the weld joint.

Non-individual tolerances according to DIN 7168.						Drawn 3D: Brajan IDDTEK.		 Furnaces & Refractories
Angular Tolerance	Nominal Dimension	0-10	10-50	50-120	120-400	>400	Drawn 2D: Brajan IDDTEK.	
	Angular Tolerance	±1°	±0,5°	±0,33°	±0,16°	±0,083°	Date: 1/12/2025	
Linear Tolerance	Nominal Dimension	0-6	6-30	30-120	120-315	315-1000	1st Dihedral	
	Linear Tolerance	±0,1	±0,2	±0,3	±0,5	±0,8	ISO 5456-2	

Designation:  
Natural Gas Route

Equipment:  
TMT (FVRB-2,7-25)

Rev. **B**

Nº Drawing:  
**2558-3323-TMT-ESR20**

Scale 1:40	Weight (kg)	Sheet 1 of 3	Format A2
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A

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C

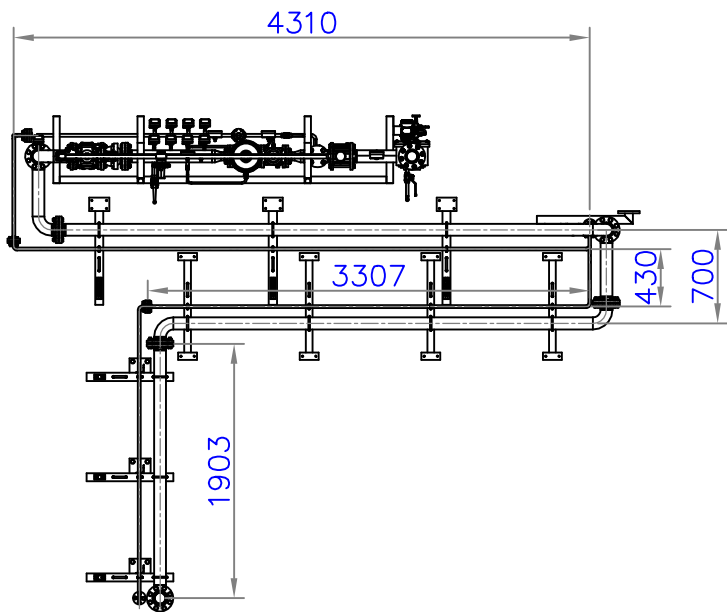
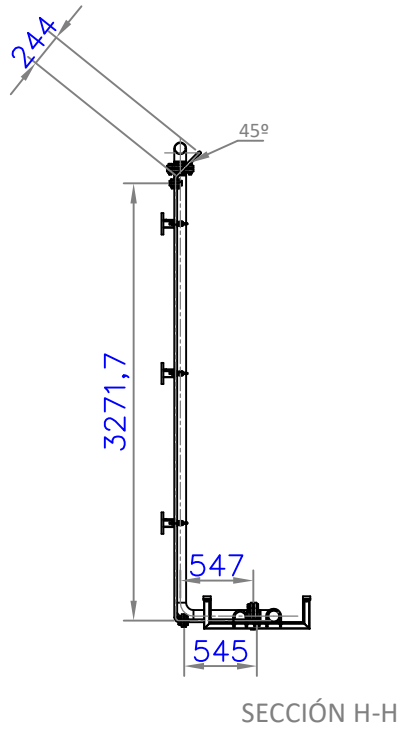
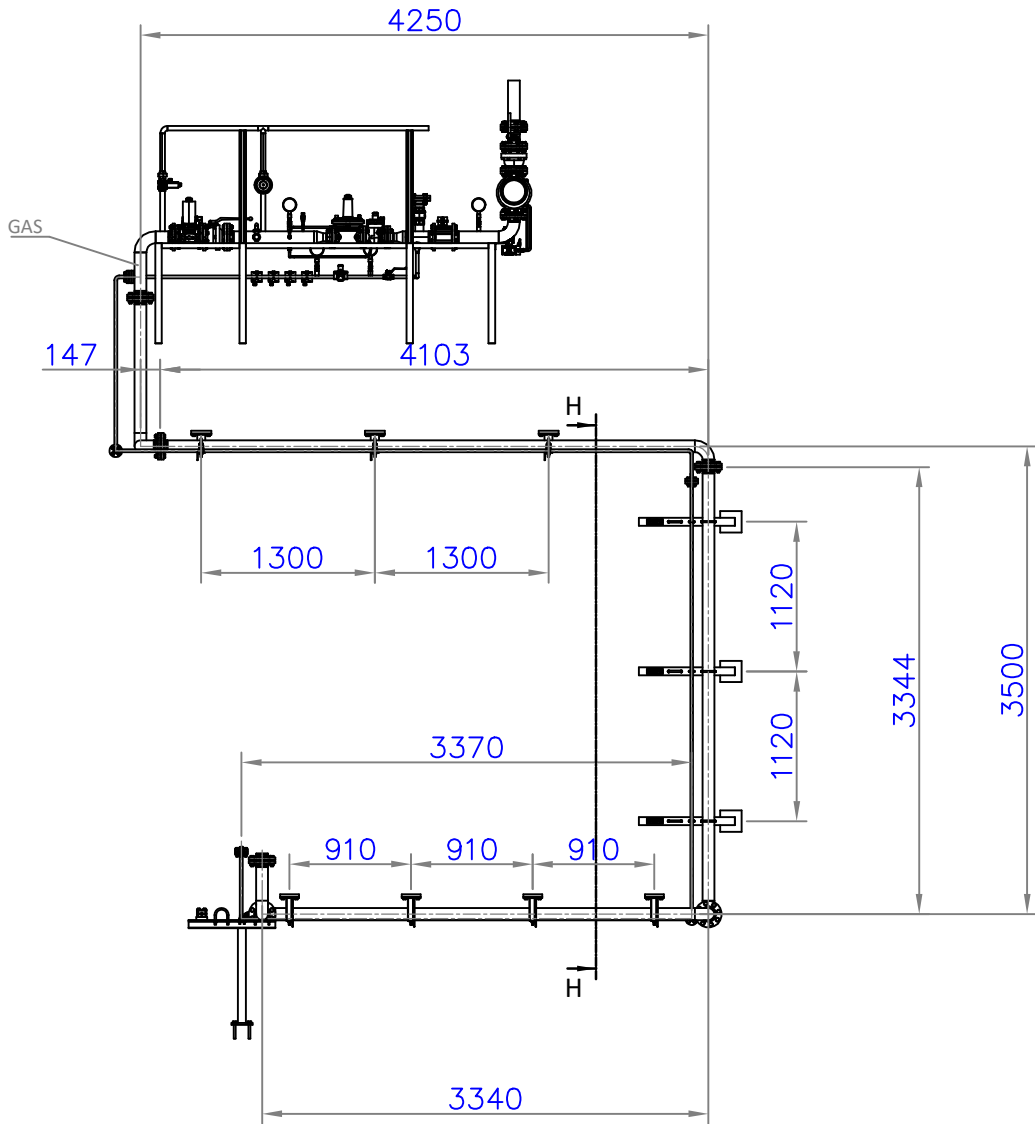
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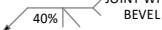
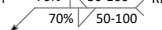
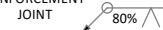
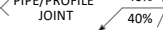



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UNSPECIFIED WELDS:									
<div><div>70% JOINT WITHOUT BEVEL</div><div>40% JOINT WITH BEVEL</div><div>70% JOINT WITH REINFORCEMENT</div><div>50-100 JOINT WITH REINFORCEMENT</div><div>80% PIPE/PROFILE JOINT</div><div>40% PLATE SPLICING</div></div>									
Note: Percentage (%) of the weld in relation to the smallest section of the weld joint.									
Non-individual tolerances according to DIN 7168.							Drawn 3D: Brajan IDDTEK.		
Angular Tolerance	Nominal Dimension	0-10	10-50	50-120	120-400	>400	Drawn 2D: Brajan IDDTEK.	<div> Furnaces &amp; Refractories</div>	
	Angular Tolerance	±1°	±0,5°	±0,33°	±0,16°	±0,083°			
Linear Tolerance	Nominal Dimension	0-6	6-30	30-120	120-315	315-1000	Date: 1/12/2025	1st Dihedral  ISO 5456-2	
	Linear Tolerance	±0,1	±0,2	±0,3	±0,5	±0,8			
Designation: Natural Gas Route					Rev.  B	N° Drawing:  2558-3323-TMT-ESR20			
Equipment: TMT (FVRB-2,7-25)						Scale 1:40	Weight (kg)	Sheet 2 of 3	Format A2



**insertec**  
Furnaces & Refractories