



符号	公称尺寸	公称压力	连接标准	连接型式	用途或名称	备注
N41	250x400		TLFS	RF	检修口 Inspection opening	
N42-43	270x270		TLFS	RF	检修口 Inspection opening	
N44-53	φ600		TLFS	RF	人孔 Manhole	inside the device not visible
N54-56	φ600		TLFS	RF	人孔 Manhole	
N57-61	φ150		TLFS		冲洗视镜 Sight glass with flushing	
N66-75	1"	150 lbs	ASME B16.5	RF	压力检测口 Pressure	
N77-82	1"	150 lbs	ASME B16.5	RF	压差检测口 Pressure difference	
N83-93	1 1/2"	150 lbs	ASME B16.5	RF	温度检测口 Temperature	
N94	1"	150 lbs	ASME B16.5	RF	冲洗氮气进口 Nitrogen flushing inlet	

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N1-3	20"	150 lbs	ASME B16.5	RF	进料口 Product inlet	
N5	10"	150 lbs	ASME B16.5	RF	除尘器回料口 Dust inlet	
N6	10"	150 lbs	ASME B16.5	RF	除尘器回料口 Dust inlet	
N7	20"	150 lbs	ASME B16.5	RF	产品出口 Product outlet	
N8-13	10"	150 lbs	ASME B16.5	RF	一级进风口 Gas inlet stage 1	
N14-17	10"	150 lbs	ASME B16.5	RF	二级进风口 Gas inlet stage 2	
N19	φ900		TLFS	RF	一级出风口 Gas outlet stage 1	
N20	φ800		TLFS	RF	二级出风口 Gas outlet stage 2	
N21-24	6"	150 lbs	ASME B16.5	RF	一级蒸汽进口 Steam outlet stage 1	
N25-28	2"	150 lbs	ASME B16.5	RF	一级冷凝水出口 condensate outlet stage 1	
N29-32	3"	150 lbs	ASME B16.5	RF	二级蒸汽进口 Steam outlet stage 2	
N33-36	2"	150 lbs	ASME B16.5	RF	二级冷凝水出口 condensate outlet stage 2	
N39-40	250x400		TLFS	RF	视镜检修口 Inspection opening with sight glass	

技术特性表 Virtuosity			
物料名称	HDPE + HEXANE	物料状态	粉末
process fluid to be treated	HDPE + HEXANE	Material status	Powder
堆积密度 kg/m³	400-500	气体介质	N₂
Bulk density	400-500	Gasous medium	N₂
设计温度 °C	150	设计压力 kPa	50
Designing temperature	150	Designing pressure	50
操作温度 °C	90	操作压力 kPa	20
Operating temperature	90	Operating pressure	20
换热器设计温度 °C	150	换热器设计压力 bar	3.5
Heat exchanger designing temperature	150	Heat exchanger designing pressure	3.5
换热器操作温度 °C	110	换热器操作压力 bar	0.6
Heat exchanger operating temperature	110	Heat exchanger operating pressure	0.6
底面积 m²	24.2	换热器面积 m²	1084
Workong area	24.2	Heat exchanger area	1084

主要材质 Main material		
主要材质 Main material	接触物料 material in contact with product	S30403
	其余 Other	S30408

**备注 Remarks**

1. 本图为初版图纸, 管口大小和方位后期会根据实际情况进行调整, 设备重量以竣工图为准。  
1. This drawing is the first edition, the nozzle size and orientation will be adjusted according to the actual situation in the later stage. The weight of equipment shall be subject to as-built drawing.

2. 空重及测试重量: ≈47000kg  
2. The Empty and Test weight: ≈47000kg

3. 工作重量: ≈67000kg  
3. Operating weight: ≈67000kg

4. 最大重量: ≈78500kg  
4. Catastrophic weight: ≈78500kg

5. 流化床干燥器设置8个支耳, 支耳与地面需要做地脚螺栓。  
5. The fluidized bed dryer is provided with 8 lugs, utilizing anchor bolts and grout for supporting this equipment.

6. 流化床干燥器无动荷载。  
6. The fluidized bed dryer has no dynamic load.

7. 流化床干燥器水平安装, 无倾斜角。  
7. The fluidized bed dryer horizontal installation, no inclination angle.

Code1	<input type="checkbox"/> Approved (Applicable only for "FOR APPROVAL" documents) Approved and the documents are released for manufacturing.
Code2	<input type="checkbox"/> Approved with Note(s) Vendor shall correct, revise and resubmit the document. The document is released for manufacturing if changes incorporated.
Code3	<input type="checkbox"/> Commented Vendor shall correct, revise and resubmit the document by the date specified. The document shall be released under the Status of "Revised Issue". All corrected documents shall be resubmitted before starting the manufacturing process.
Code4	<input type="checkbox"/> Rejected Vendor shall correct, revise and resubmit the document with previous revision.
Code5	<input type="checkbox"/> No Code (Applicable only for "For Review" and As-Built documents) Document has been submitted for information (FI). Consistency, completeness and correctness of document content is Vendor's responsibility.

REV.	DATE	POI	PREP.	CHKD.	APPD.	AUTH.
00	16-Oct-24					

**Tabriz Petrochemical Company**  
**310 KTPA HDPE Plant**

CONTRACT NO.:  
PURCHASE ORDER NO.:XXXX

**EIED**

SCALE: 1:40

DRAWING TITLE: Fluidized Bed Dryer (16-DR-221) Outline Drawing for Fluid Bed Dryer Package Unit (16-PK-221)

DRAWING NO.:

VENDOR DWG NO.:

CLASS	REV.	SHEET NO.	SIZE
2	00	1 OF 1	A1