



Pos Item	公称尺寸 DN Size	公称压力 PN Rating	连接标准 DN Standard	连接型式 Face type	用途或名称 Benennung Designation	备注 Bemerkung Remarks
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 process fluid to be treated	HDPE + HEXANE	物料状态 Material status	粉末 Powder
堆积密度kg/m³ Bulk density	400-500	气体介质 Gaswous medium	N₂
Designn temperature	150	Designn pressure	50
操作温度 °C Operating temperature	90	操作压力 kPa Operating pressure	20
换热器设计温度 °C Heat exchanger designn temperature	150	换热器设计压力 bar Heat exchanger designn pressure	3.5
换热器操作温度 °C Heat exchanger operating temperature	110	换热器操作压力 bar Heat exchanger operating pressure	0.6
底面积 m² Workong area	24.2	换热器面积 m² 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。
 2. 空重及测试重量：≈47000kg
 3. 工作重量：≈67000kg
 4. 最大重量：≈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。
 6. 流化床干燥器无动荷载。
 7. 流化床干燥器水平安装，无倾斜角。

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 "Released 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

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