Product Introduction

Heat Exchanger



Project Name	MethanolCombinedUnit TransformationUnit
Equipment Name	Feed Gas Preheater A(1301-E-002A)
Specifications	CEU1650/1600-4.4-266-3.5/32-2I
Material	15CrMoR

Product Introduction

Heat Exchanger





Project Name	500,000 TonsYearCoal-to-EthanoProjectConversionUnit
Equipment Name	Medium Pressure SteamSuperheater(E301)
Specifications	Φ1650×42 FN=639.2m²
Material	15CrMoR

Product Introduction

Heat Exchanger





Project Name	Oxidation Process Cyclohexanone Unit
Equipment Name	AlkaneTowerCondenser(E-1530-705)
Specifications	BEM2200-0.63/0.55-1505-6/19-2I
Material	Q245R/S30408/S30408

Product Introduction

Heat Exchanger





Project Name	Naphtha and Light Diesel Comprehensive Utilization Project
Equipment Name	Heating Water Heater 9781-E-101ABCD Stacked Heat Exchanger
Specifications	BES1200-1.21.2-385-625-4I
Material	Q345R/10

Product Introduction

Heat Exchanger





Project Name	AminoAcidDemethylatidUnit
Product Name	Reboiler E101
Specifications	BEM8090.6-110-3/25-1 I
Material	TA2/TA2/Q345R

Product Introduction

Heat Exchanger



	Coal gasification and purification equipment
Equipment name	Boiler water cooler(E-1131-016)
Specifications	Φ1100×14×5954
Material	Q345R/10
Design pressure	Shell/tube side0.6MPa/13MPa

Product Introduction

Heat Exchanger



Project Name	Coal Gasification and Purification Unit
Equipment Name	Boiler Water Cooler (E-1131-016)
Specifications	Φ1100×14×5954
Material	Q345R/10
Design Pressure	Shell Side/Tube Side 9.6MPa/13MPa

Product Introduction

Heat Exchanger



Equipment Name	Methanol Steam Heat Exchanger (800E1201A/B)
Specifications	BKU1400/2800-1.06/1.28-550-6/25-2 I
Material	Q345R/S31603 (Tube Sheet)

Product Introduction

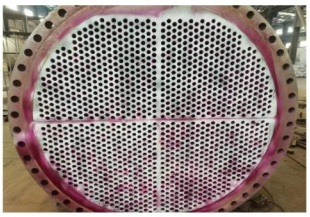
Heat Exchanger ProcessIntroduction



Surfacing welding of Carbon SteeTubesheet



Welding of Heat Exchange Tubes toTubesheet



Dye Penetrant Inspection of Tube Ends

Product Introduction

Heat Exchanger Process Introduction



Expansion connection between tube sheet and heat exchange tube



Pipe head visual inspection



inner wall and tube sheet surface of the heat exchange tube undergo TH901 anticorrosion treatment

Note: After welding the pipe end, perform expansion according to the evaluation parameters and process of the expansion process to prevent gap corrosion and vibration

Product Introduction

Containers





Equipment name	Waste oil tankD945
Specifications	φ4000×18×10398 V=117m³
Material	Q345R

Product Introduction

Containers



Equipment name	#1 gas-liquid separator A (1303-001A)
Specifications	Φ4000×3+75×13600
Material	S30403+Q345R
Weight	90 tons

Product Introduction

Containers



Equipment name	Waste ion liquid collection tank D 202B
Specifications	Φ4400×16×18456
Material	Q245R (normalized)



Equipment name	Buffer tank for digester circulation V-204
Specifications	Φ3200×11161×14
Material	Q345R



Equipment name	Liquid ammonia storage tanks A V-8004A
Specifications	Φ3200×30
Material	Q245R

Product Introduction

Containers



Equipment name	Crystallization Tank 001
Specifications	Φ2200×10×11300
Material	Q345R



Equipment name	Empty the can 974 V-401
Specifications	Φ2600×20
Material	Q345R

Product Introduction

Tower vessels



Equipment name	Distillation columnTa201
Specifications	Φ3600×49178×3+16
Material	06Cr13Al+Q245R

Product Introduction

Tower vessels



Equipment name	DemethylaminetowerT101
Specifications	Φ800×19850×8
Material	TA2

Product Introduction

Tower vessels



Equipment name	Distillation column9719302
Specifications	φ1800×59664×22/18/14
Material	Q345R



Equipment name	Natural gas dehydration tower3330 C-201
Specifications	Φ1000×18250×3+22
Material	S30403+Q345R



Equipment name	Depentanizer tower9719T-101
Specifications	φ1800/1000×34910×10
Material	Q345R

Product Introduction

Tower vessels



Equipment name	The extracted liquid is evaporated in one stage (Tower Tower 4Z)
Specifications	φ3200× (3+12)
Material	321+Q245R



Equipment name	Gao Fu Tower0303-304
Specifications	φ3900×37940× (3+14)
Material	S30403+Q345R

Product Introduction

Tower vessels



Equipment name	Isohexaneta(T-201)
Specifications	Φ2800×14/18/30×53354
Material	Q245R
Weight	69.8tons



Equipment name	Absorption towe(1804-T-0101)
Specifications	Φ2200×42×27925
Material	Q345R (N+T)
Weight	60.35tons

Product Introduction

Tower (export equipment)





Equipment name	Decarbonysulfur tower1130C-1002A
Specifications	Φ1600×12×10150
Material	S32168
Weight	6.9tons

Product Introduction

Fatigue containers



Equipment name	Adsorber(V-1003A-L)
Specifications	φ3200×11560×28
Material	Q345RNormal



Equipment name	Adsorber(0213-T-201H)
Specifications	Φ2200×22×12295.5 V=37.31m³
Material	Q345RNormal

Product Introduction

Rectangular





Equipment name	Denitrification reactor(R-8001/R9001)
Specifications	1980×3040 H=7930/3926×3040 H=10800
Material	S30408

Product Introduction

A corner of the interior parts workshop



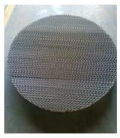


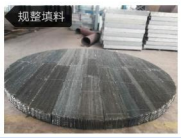
Product Introduction

Introduction to internal components

Interior packing of the tower









Arrange packing materials



Wire mesh filling



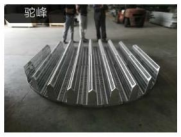
Bauer ring



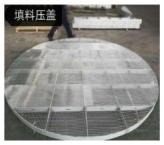
Square saddle rings



Grille

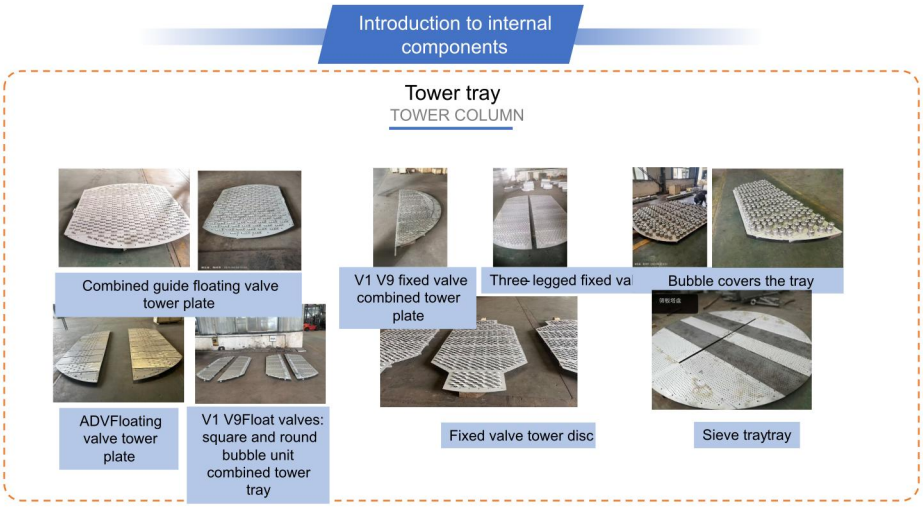


Hump support

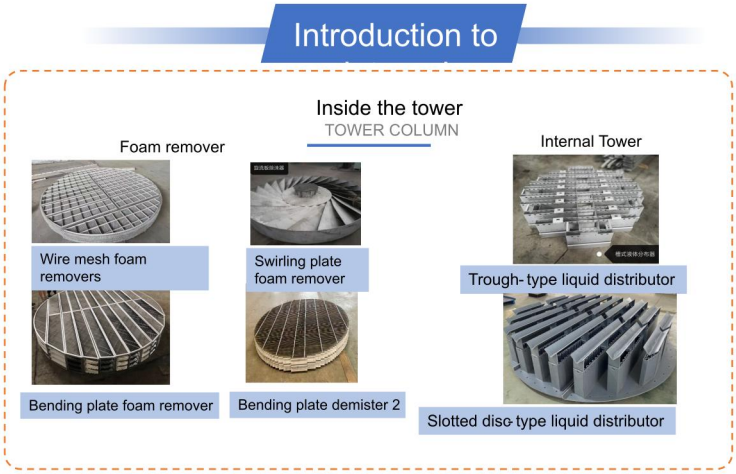


Packing capping

Product Introduction



Product Introduction



Product Introduction

Introduction to internal components

Inside the tower

TOWER COLUMN

Huali floats the valve









The sky is vast and the gate floats



Product Introduction

Introduction to internal components

Inside the tower

TOWER COLUMN

Boat-type float valve







Product Introduction

Introduction to internal components

Inside the tower

TOWER COLUMN

