Yasna Arman Zendegi (Mahyaz)





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Vision

We believe in pioneers and leading experts in our field for Excellence through customer satisfaction in designing and manufacturing equipment for pharmaceutical and food industries.

Misson

At Mahyaz, we empower experts and engineers to simplify and accelerate progress in bioprocessing technology. We aim to development of better and more productive equipment.

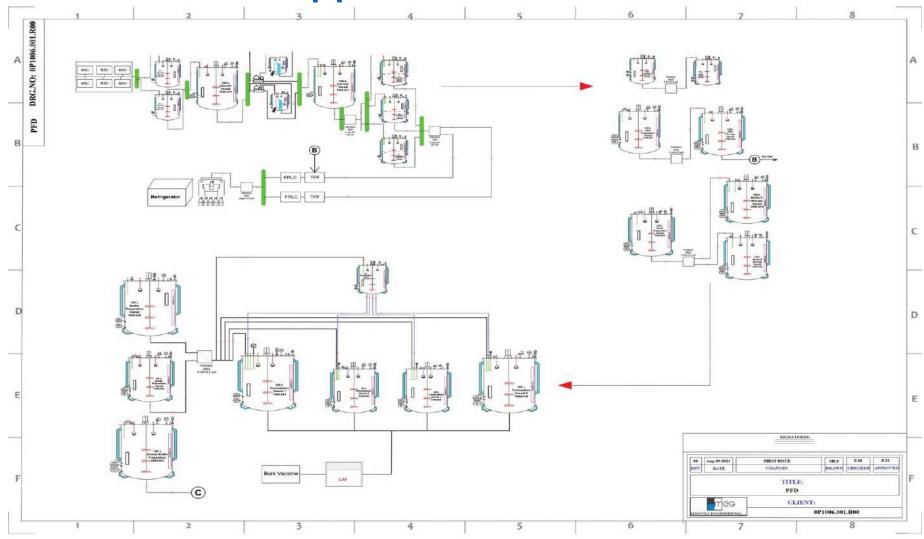




Our Core Competency



Process Focused Approach





Mahyaz

Bioprocess Engineering

- P&ID
- Equipment Design
- Pipe Sizing
- Selection of Bought Out Components
- Generation of Valve Matrix

- Develop Test Procedures (DQ,IQ &OQ)
- Perform Installation Checks
- Perform Operational Checks
- Compile Test Reports as per Current Good Documentation Practices

Qualification & Documentation

Automation Solutions

- Automation Architecture
- Hardware Selection
- Instrument list
- SCADA Development
- PLC Programming

- ASME Sec VIII Div.1 Vessel Design Calculations
- General Arrangement Drawing
- 3D Layout using the Latest AUTOCAD Tools
- Fabrication Drawing
- Isometric Drawing for Piping

Detailed Engineering

MAHYAZ ENGINEERING

We believe in providing tailor-made, exclusive customised solutions to our clients



Product Portfolio

Media, Buffer & Process
Tanks

PW, WFI, PS











Fermentors & Bioreactors

SIP/CIP Station

Ultra Filtration & Micro Filtration Systems

We design, engineer and manufacture customized Bioprocess equipment's



Media, Buffer & Process Tanks





Fermentors & Bioreactors





SIP/CIP Station



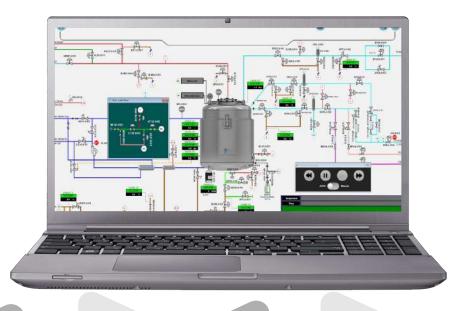




PW, WFI, PS

Ultra Filtration & Micro Filtration Systems

Automatiom Solution



Consulting

- BOM (Instrumentation & Automation)
- IO list and Allocation
- Automation Architecture
- FDS (functional Design Specification)
- Software development
- Software validation

01

Design & Development

- · Control system specification
- Instrumentation specification
- · Control system Philosophy
- Automation Architecture
- Networking Architecture

02

Integration

- Unit Integration
- Suite integration
- Process integration
- Plant integration

03

Installation and Commissioning

- FAT
- SAT
- Software Testing
- Computer system validation

04

Automation Solution FAB

Features



- · Customized process control
- Diagnostics feature
- Electronic Batch Report (EBR)
- Electronic Data Collection
- Electronic SOP's
- · Third party integration
- · Regulatory requirements
- 21 CFR, Part 11 Compliance
- ISA and EN Standards

Advantages



- High Accuracy of process control
- · User friendliness for user interface
- Excellent process visualization
- Process comparison and analysis
- · Multiple equipment integration
- · Optimization of process control
- · Ease troubleshooting

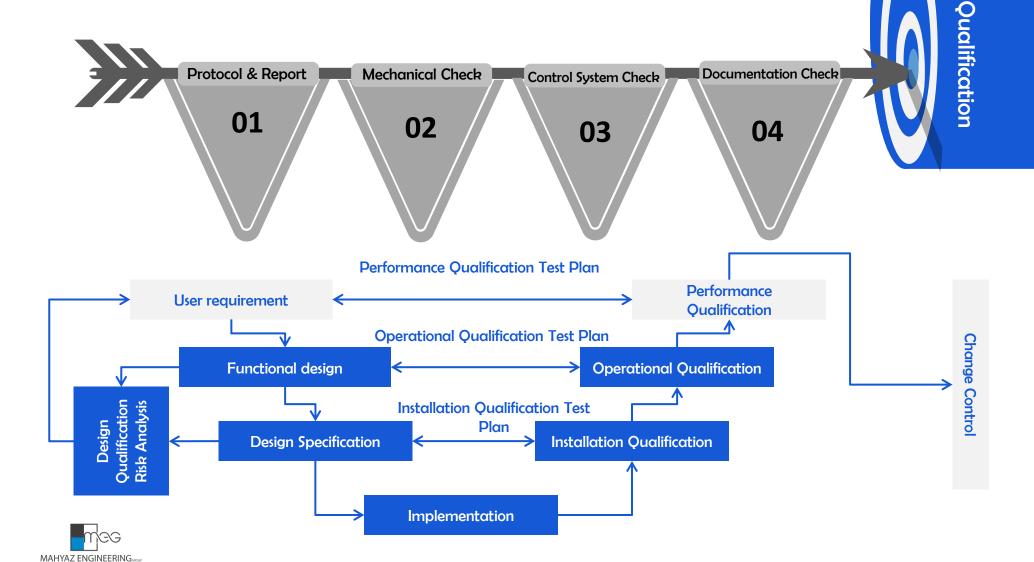
Benefits



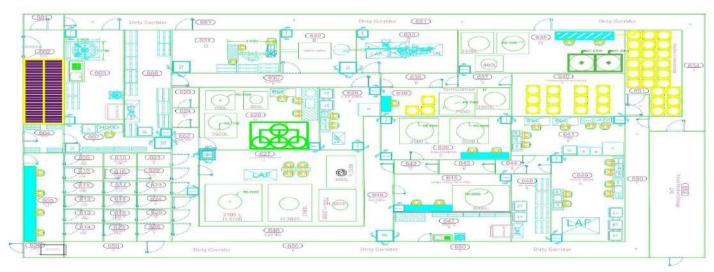
- Economical solutions
- Reduced Batch period
- Accurate process control which enables high output
- Less Operator interface
- Less Maintenance
- · After sales support.



Mahyaz Qualification & Documentation



Mahyaz Qualification & Documentation



10	DESCRIPTION	Claire	AREA[mcg]	HEIGHTSH
001	Enterance	-0000	8.03	37.100
602	General continu	CONTRACT	25.46	8.80
603-	Washing storage	D	31.66	2.50
80.4	Cross Dock	CINC	6.62	37.80
oon	General corridor	ENC	20:15	2.80
000	Auto dieve room	CNC	3.49	2,00
907	Vřeighina	D	14.05	5.80
000	Sir storage	- 8	16.1916	25.890
009	AA.	CNC	3.1	2.60
610	M.	CHC	0.1	2.60
013	AA.	CNC	3.1	2.80
612	AA.	CNC	2.1	2.80
013	M-	CNC	3.1	2.50
61.4	AL	ENC	3.1	27.100
G15	SPITAME	CHC	2.55	7.50
618	Shower	CINC	2.65	2.80
017	Shower	CRECI	2.62	21.100
010	Shewait	GreG	2.65	0.00
610	Stones	CNC	2.63	2.00
620	Shower	ETM C	3.65	2.00
621	A/L	D	8.77	2.50
668	A/L	D	2.72	7.50
60.9	AVL	D	2.76	2.80
014	All	D	2.74	0.50
629	A/I	D.	2.74	. 3.80
626	A/a	13	2,24	2.80
627	Large cell terroriter	CI-	71.40	8.30
620	Medium preparation	CF.	42.09	4.20
620	Call sood	B	1.7.92	4.20
0.00	Comdor	8	35.27	2.60
631	Lasberrop	ONO	36,44	E.80
630	Capping	B	19.00	- 4
FE3.29	Filling	B	20.40	- 1
634	Dirty comdor	CNC	70.38	2.80
939	GEL Penparather	O.	40.70	4.20
636	All	10-	11.1-6	2.80
637	A/L	B	4.20	2.80
618	formulation	- G	23.30	4.20
0.314	Inactivation	- 0	32.05	4:20
sate	Intermediate Innulivation	G.	67.70	2,80
941	H*QC	0	28,00	2,80
042	A/L	C	2.31	F.80
903	An		0.59	2.80
044	M	10	5.30	2.88
	Larcia virusa farmandar	D	26.70	4.20
945	Corridor	D	EG. 80	
046	- Wash at	D	19.50	2,80
047	Sir slorage		15.50	2,80
948	Virus seed		35.00	2.60
6/19		В		2.80
apa	Corridor	D	69.1.0	2,40
681	Inactive virues emrage Gertaer	CNC	27.86	2,80
				12.860











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