

WELCOME TO SYNAPTICS

SYNAPTICS LABS PRIVATE LIMITED (SLPL)

Always a step ahead...



DUNS : 565271800 & FEI : 3021487911 Numbers

SYNAPTICS has been incorporated in October 2018, as a Global Research and Innovation driven Integrated Pharmaceutical Company focusing on the Development, Production and Marketing of API's (Active Pharmaceuticals Ingredients) and its Intermediates on an opportunity driven basis.

We at Synaptics, have WHO GMP, ISO Certified and Auditable Facility and are in the Compliance of FDA & WHO Norms located in an area of 4.8 acres at Vizag consists of total 4 Production Blocks & Well-equipped Standalone R&D Lab with entire required facilities.



SYNAPTICS FOUNDERS

The following directors are actively involved in overall day to day operations as below:

Mr. Srinivasa Reddy Goli

Over all performance of the company, as dictated by the board's overall strategy. Formulating and successfully implementing company policy.

Mr. Kishore Reddy Mandapati

Corporate affairs and Business development

Mr. Srinivasa Reddy Gaddam

Production & Factory Administration

Mr. Sridhar Reddy Chilukuri

Quality Control & Quality Assurance

Mr. Jaya BharathaReddy KanamathaReddy

PD Lab

VISION

To be one of the leading groups in research, manufacturing and distribution of both Advanced Intermediates and API's Active Pharma Ingredients in those sectors in which it operates.

- An, innovation strategy
- Broad R&D platform
- Balanced portfolio of specialty and Advanced intermediates
- Global commercial presence, with strength in emerging markets

CORE COMPETENCIES



Quality: Constantly seeking to offer products and service at a high level.



Agility: Being objective and practical with speed, assertiveness and responsibility.



Team Work: Fundamental to reach our goals.



Focus: Aligning objectives to reach results.



Innovation: Diversify to generate new business opportunities.



Pride: Passion for what we do.



Faith: Believing that anything is possible.

QUALITY POLICY

To Provide Accessible High Quality Products.

Quality Policy Statement

It is Synaptic's policy to continuously enhance and challenge our quality systems to produce safe, efficacious and high - calibre products dedicated to improving our customer's quality. It is our irrevocable commitment to adhere to all currently applicable regulatory requirements and to continuously improve while applying a scientifically sound and data driven approach in our decisions.

Geographical Location of Plant:

Longitude : 17⁰30.339' N

Latitude : 82⁰57.140' E

Our Plant is located in Atchutapuram, Near Visakhatpatnam a historical city which is about 40Km from Visakhapatnam Airport and 610Km from Rajiv Gandhi International Air Port Hyderabad.

Plant Address:

Plot No. 28-B, Industrial Park, Atchuthapuram, APIIC, Lalamkoduru(V), Rambilli(M),Visakhapatnam-531011, Andhra Pradesh, India.

Corporate Office address:

Flat No. S-404, SVSS Nivas, Street No-1, Czech Colony, Sanathnagar, Hyderabad, Telangana – 500 018, India.

Phone No: 040-29801835, 29801859 www.synapticlabs.com

KEY HIGHLIGHTS

Strong Pipeline Potential

Consistent Product Launches planning with significant technical, financial backing, Partnerships & Vendors

High Corporate Governance Standards

Passion for quality, demonstrated by initiating internal quality audits.
Stringent & Superior global quality and manufacturing standards.
High Operating Values & Ethics

Focused for Delivery

State of the art manufacturing facility being established in 4.8 acres with proper alignment of Manufacturing Strategy.
To launch products suitable for the market from its global portfolio and alliance partners, which shall increase the existing product portfolio

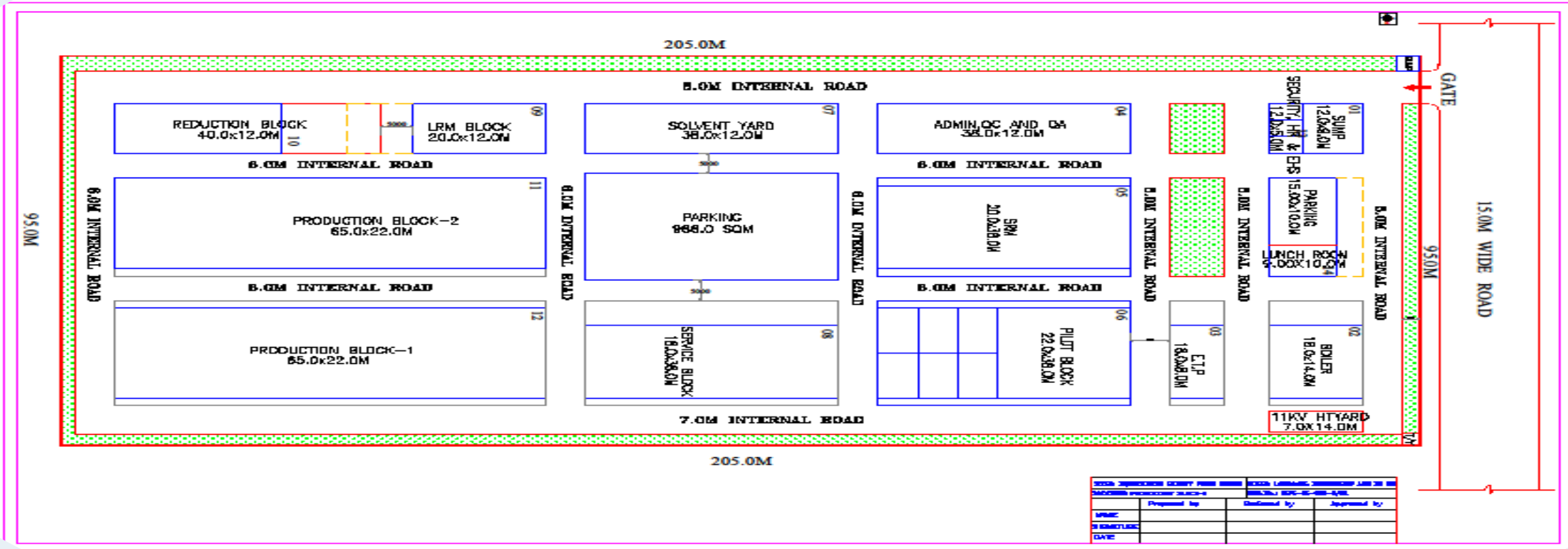
Long Term Commitment

Focus on Win-Win Relationships Everyday.
Execute flawlessly, Think Strategically, Innovate and make things better & Stay connected.

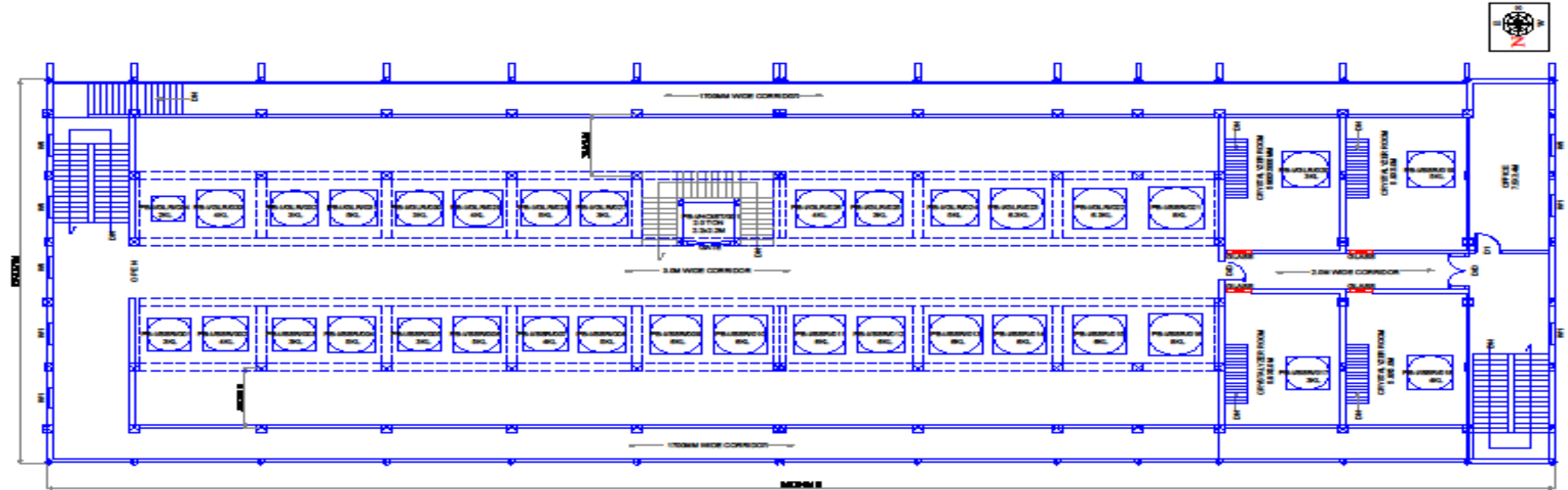
CERTIFICATIONS

- ✓ ISO 9001:2015;ISO 14001:2015;ISO 45001:2018
 - ✓ GMP
 - ✓ WHO GMP
-

PLANT LAYOUT



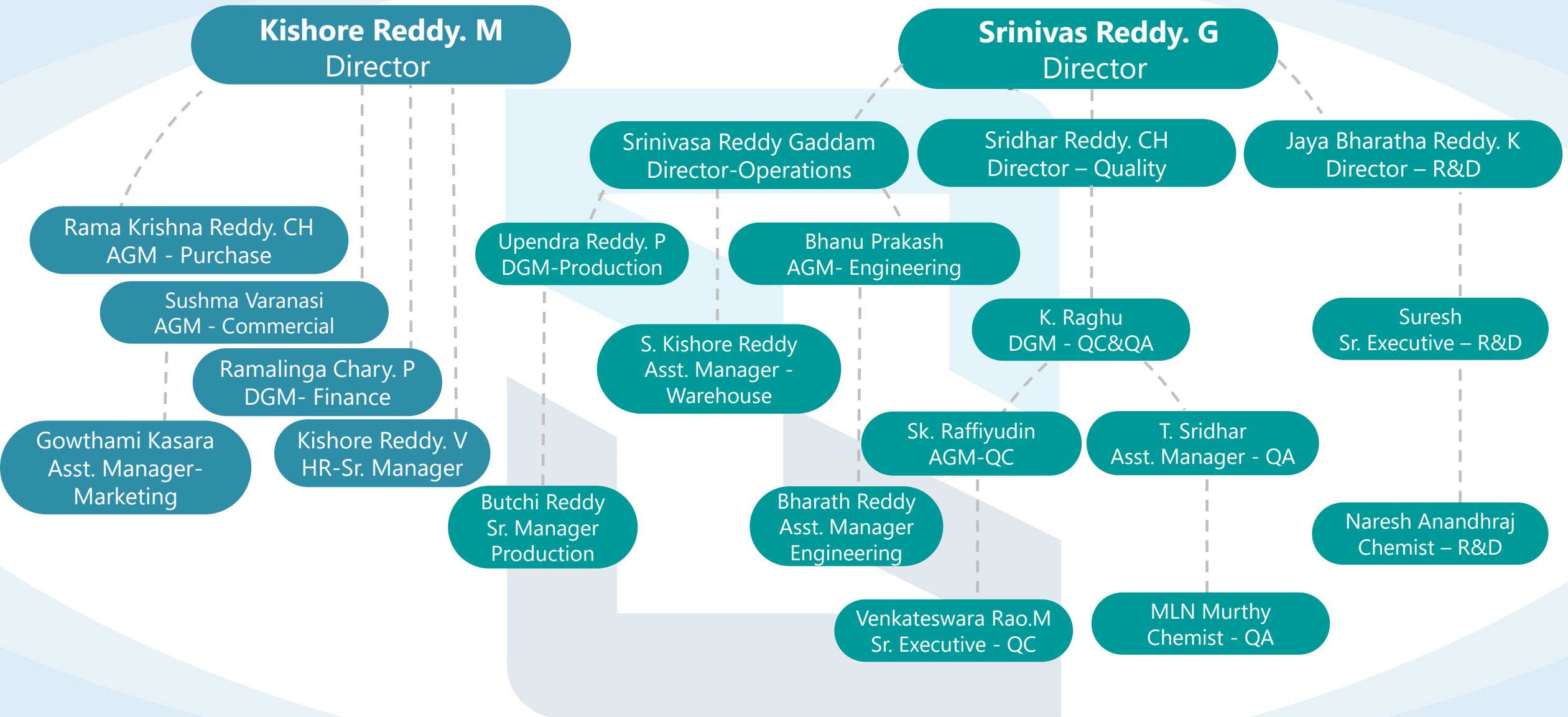
PRODUCTION BLOCK - I



FIRST FLOOR PLAN - 100MM DTL

TITLE	EQUIPMENT LAYOUT FIRST FLOOR		
PROJECT	PRODUCTION BLOCK-I		
SCALE	1:100		
DRAWN	ALL DIMENSIONS ARE IN MM		
DATE	2025-03-03-07/28		
	Prepared by	Reviewed by	Approved by
NAME			
SIGNATURE			
DATE			

ORGANOGRAM



LIST OF APIS --- COMMERCIAL SCALE

API	Pharmacopoeia		API	Pharmacopoeia	
ARIPIRAZOLE	<i>IP/USP/IHS</i>	ANTI - PSYCHOTIC	VALSARTAN	IHS	ANTI-COAGULANT
QUETIAPINE FUMARATE	<i>IP/USP/IHS</i>	ANTI - PSYCHOTIC	IMEGLIMIN HCL	IHS	ANTI-DIABETIC
RABEPRAZOLE SODIUM	<i>IP/USP/IHS</i>	ANTI - ULCERATIVE	VILDAGLIPTIN	IHS	ANTI-DIABETIC
2-DEOXY-D-GLUCOSE	IHS	ANTI - COVID	SITAGLIPTIN	IHS	ANTI-DIABETIC
MOLNUPIRAVIR	IHS	ANTI - VIRAL	TAFAMIDIS MEGLUMINE	IHS	To TREAT CARDIOMYOPATHY
NIRMATRELVIR	IHS	ANTI - VIRAL			
CARIPRAZINE HYDROCHLORIDE	IHS	ANTI-DEPRESSANT			
DABIGATRAN MESILATE ETEXILATE	IHS	ANTI-COAGULANT			
RIVAROXABAN	IHS	ANTI-COAGULANT			

LIST OF APIS - UNDER DEVELOPMENT

API	Pharmacopoeia	
APIXABAN	IHS	ANTI-COAGULANT
FIMASARTAN	IHS	ANTI-HYPERTENSIVE
BEMPEDOIC ACID	IHS	ANTI-HYPERCHOLESTEROLEMIA
VALSARTAN	IHS	ANTI-COAGULANT
DABIGATRAN MESILATE ETEXILATE	IHS	ANTI-COAGULANT
VARDENAFIL	IHS	

LIST OF INTERMEDIATES

ANTI - PSYCHOTIC

ARIPRAZOLE

3,4-Dihydro-7-hydroxy-2(1H)-quinolinone	22246-18-0
7-(4-Chlorobutoxy)-3,4-dihydro-2(1H)-quinolinone	120004-79-7
1-(2,3-Dichlorophenyl)piperazine Hydrochloride	119532-26-2

QUETIAPINE FUMARATE

Dibenzo[b,f][1,4]thiazepin-11(10H)-one	3159-07-7
11-(1-Piperaziny)-dibenzo[b,f][1,4]thiazepine dihydrochloride	11974-74-4

ANTI-ULCERATIVE

RABEPRAZOLE SODIUM

2-Hydroxymethyl-4-(3-methoxypropoxy)- 3-methylpyridine hydrochloride	675198-19-3
2-Chloromethyl-3-methyl-4-(3-methoxypropoxy)pyridine hydrochloride	153259-31-5
2-[[4-(3-Methoxypropoxy)-3-methyl-2-pyridyl]methyl]thio}- 1H-benzimidazole	117977-21-6
2-[[4-(3-methoxypropoxy)-3-methyl-pyridin-2-yl]methylsulfinyl]-1H-benzoimidazole	117976-89-3

LIST OF INTERMEDIATES

ANTI-COAGULANT	
DABIGATRAN ETEXILATE MESILATE	
2-[(4-cyanophenyl)amino]acetic acid	42288-26-6
Ethyl 3-(2-(((4-carbamimidoylphenyl)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoate	429658-95-7
Ethyl 3-[3-Amino-4-(methylamino)-N-(2-pyridyl)benzamido]propionate	212322-56-0
Ethyl 3-[[4-(methylamino)-3-Nitrophenyl]carbonyl] (pyridine-2-yl) amino] propanoate	429659-01-8
RIVAROXABAN	
4-(4-Aminophenyl)morpholin-3-one	438056-69-0
(S)-(+)-N-(2,3-Epoxypropyl) Phthalimide	161596-47-0
5-Chlorothiophene-2-Carboxylic acid	24065-33-6
(S)-4-(4-(5-(Aminomethyl)-2-oxooxazolidin-3-yl)phenyl)morpholin-3-one hydrochloride	898543-06-1
APIXABAN	
3-Morpholino-1-(4-(2-oxopiperidin-1-yl)phenyl)-5,6-dihydro pyridin-2(1H)-one	545445-44-1
(Z)-Ethyl 2-Chloro-2-(2-(4-methoxyphenyl)hydrazono)acetate	27143-07-3

LIST OF INTERMEDIATES

ANTI VIRAL	
FAVIPIRAVIR	
6-Bromo-3-hydroxypyrazine-2-carboxamide	259793-88-9
MOLNUIRAVIR	
(((3aR,4R,6R,6aR)-6-((E)-4-(hydroxyimino)-2-oxo-3,4-dihydropyrimidin-1(2H)-yl)-2,2-dimethyltetrahydrofuro[3,4-d][1,3]dioxol-4-yl)methyl isobutyrate)	2346620-55-9
NIRMATRELVIR	
(1R,2S,5S)-methyl 6,6-dimethyl-3-aza-bicyclo[3.1.0]hexane-2- carboxylate hydrochloride	565456-77-1
α -amino-2-oxo-3-Pyrrolidinepropanamide Hcl	2628280-48-6
3-methyl-n-(trifluoroacetyl)-L-valine	666832-71-9
ANTI-COAGULANT	
VALSARTAN	
L-Valine, methyl ester, hydrochloride (1:1)	6306-52-1
5-[4'-(Bromomethyl)[1,1'-biphenyl]-2-yl]-1-(triphenylmethyl)-1H-tetrazole	124750-51-2

LIST OF INTERMEDIATES

ANTI-HYPERCHOLESTEROLEMIA	
BEMPEDOIC ACID	
Ethyl 7-Bromoheptanoate	29823-18-5
P-toulenesulfonylmethyl isocyanide	36635-61-7
ANTI-HYPERTENSIVE	
FIMASARTAN	
2-Butyl-1,6-dihydro-N,N,4-trimethyl-6-oxo-1-[[2'-[1-(triphenylmethyl)-1H-tetrazol-5-yl]][1,1'-biphenyl]-4-yl]methyl]-5-pyrimidineacetamide	503155-67-7
5-(4'-(BROMOMETHYL)(1,1'-BIPHENYL)-2-YL)-1-TRITYL-1H-TETRAAZOLE	124750-51-2
TAFAMIDIS MEGLUMINE	
4-amino-3-Hydroxy benzoic acid	2374-03-0
3,5 dichloro benzoyl chloride	2905-62-6
3,5-Dichlorobenzoic Acid	51-36-5

LIST OF INTERMEDIATES

ANTI-DEPRESSANT

CARIPRAZINE HYDROCHLORIDE

Ethyl trans-2-(4-Aminocyclohexyl)acetate Hydrochloride	76308-26-4
CarbaMic acid, N-[trans-4-(2-hydroxyethyl)cyclohexyl]-, 1,1-diMethylethyl	917342-29-1
Trans N-tert-butoxycarbonyl-4-[2-[4-(2,3-dichlorophenyl)-piperazine-1-yl]- ethyl]-cyclohexylamine	506427-91-4

ANTI-DIABETIC

VILDAGLIPTIN

3-Amino-1-adamantanol	702-82-9
(S)-1-(2-Chloro-acetyl)-pyrrolidine-2-carbonitrile	207557-35-5

SITAGLIPTIN

3-(trifluoromethyl)-5,6,7,8-tetrahydro-[1,2,4]triazolo[4,3-a]pyrazine hydrochloride	762240-92-6
Boc-(R)-3-Amino-4-(2,4,5-trifluorophenyl) butanoic acid	486460-00-8

MAN POWER

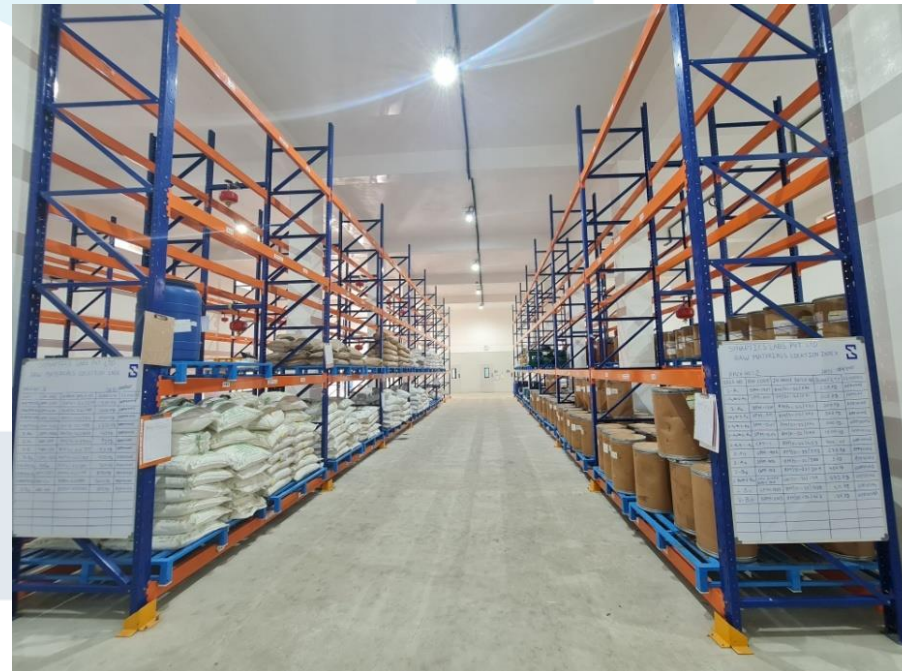
WARE HOUSE	10
PRODUCTION	49
QUALITY CONTROL	27
SAFETY HEALTH & ENVIRONMENT	04
QUALITY ASSURANCE	09
R&D	06
ENGINEERING SERVICES	23
HR	03
TOTAL	123

FACILITY OVERVIEW



WARE HOUSE

- ❖ Material Management system is in place.
- ❖ Dedicated areas for de-dusting, quarantine, sampling and dispensing, approval of raw materials and rejected materials.
- ❖ Separate rooms for sampling and dispensing.
- ❖ Separate storage areas for intermediate and finished products.



WARE HOUSE IMAGES



PRODUCTION

- ❖ Production Block-I is our intermediate and API manufacturing Facility.
- ❖ Dedicated AHU's in the clean room for corridor, Crystallizer room and powder processing areas

Production Block



PRODUCTION IMAGES



MANUFACTURING CAPACITIES (PB-I)

REACTORS

Equipment	Capacity	Nos
SS Reactor	8KL	2
SS Reactor	6KL	6
SS Reactor	5KL	4
SS Reactor	4KL	2
SS Reactor	3KL	3
GL Reactor	6.3KL	2
GL Reactor	5KL	3
GL Reactor	4KL	3
GL Reactor	3KL	4
GL Reactor	2KL	1

EQUIPMENT DETAILS

Equipment	Capacity	Nos
SS Centrifuge	48"	7
Tray Dryer	96	4
Tray Dryer	192	1
Multi Miller	50-500kgs	3
ANFD	5KL	3
Filter Press	1.5 Tones	1
SS Centrifuge	60"	2

MANUFACTURING EQUIPMENTS -CRYSTALLIZER(PB-I)

REACTORS		
Equipment	Capacity	Nos
SS Reactor	3KL	1
SS Reactor	4KL	1
SS Reactor	5KL	1
GL Reactor	3KL	1

EQUIPMENT DETAILS		
Equipment	Capacity	Nos
SS Centrifuge	48"	4
FBD	500Kg	1
Sifter	30"	1
Multi Miller	50-500kgs	1

MANUFACTURING CAPACITIES (PB-III)

REACTORS

Equipment	Capacity	Nos
SS Reactor	6KL	2
SS Reactor	5KL	1
SS Reactor	4KL	3+2
SS Reactor	3KL	1+1+1
SS Reactor	2KL	1+1+1
SS Reactor	0.63KL	1+1
GL Reactor	6.3KL	1
GL Reactor	5KL	1
GL Reactor	4KL	1
GL Reactor	2KL	1

EQUIPMENT DETAILS

Equipment	Capacity	Nos
SS Centrifuge	48"	7
Tray Dryer	96	4
Tray Dryer	192	1
Multi Miller	50-500kgs	3
ANFD	5KL	3
Filter Press	1.5 Tones	1
SS Centrifuge	60"	2

MANUFACTURING CAPACITIES (PB-IV)

REACTORS

Equipment	Capacity	Nos
SS Reactor	3KL	2
SS Reactor	2KL	2
SS Reactor	1.6KL	1
SS Reactor	1KL	3
SS Reactor	0.75KL	2
SS Reactor	0.5KL	2
GL Reactor	2KL	2
GL Reactor	1.6KL	1
GL Reactor	1KL	1
GL Reactor	0.63KL	2

EQUIPMENT DETAILS

Equipment	Capacity	Nos
SS Centrifuge	48"	7
Tray Dryer	96	4
Tray Dryer	192	1
Multi Miller	50-500kgs	3
ANFD	5KL	3
Filter Press	1.5 Tones	1
SS Centrifuge	60"	2

QUALITY CONTROL INSTRUMENTS

SL. No	INSTRUMENT NAME	No's
01	HPLC-----	3
02	GC-----	3
03	Analytical balance-----	2
04	UV Spetrometer-----	1
05	FTIR-----	1
06	Hot Air Oven-----	4
07	Vaccum Oven-----	1
08	Muffle Furnance-----	1
09	Melting Range Apparatus-----	1
10	Stability Chambers-----	4
11	Conductivity Meter-----	1
12	UV-Cabinet for TLC-----	1
13	KF & Auto Titrator-----	2
14	pH Meter-----	2

KEY UTILITIES

EQ. NAME

CAPACITY

BOILER	5.0T/Hr
GENERATOR	500KVA*2(100% Power Backup)
APSEB TRANSFORMER	1250KVA
CHILLING PLANT	182TR at +5°C, 92TR at -20°C
COOLING TOWER	650 TR *2 , at +25°C
PROCESS WATER SYSTEM	5 m ³ /Hr
HIGH VACUUM SYSTEM	0.1 Torr*2
NITROGEN PLANT	50 nm ³ /Hr
UPS FOR QC LABS	30 KVA-2nos, 10 KVA-1 no

QUALITY CONTROL



QUALITY CONTROL



PROCESS WATER PLANT

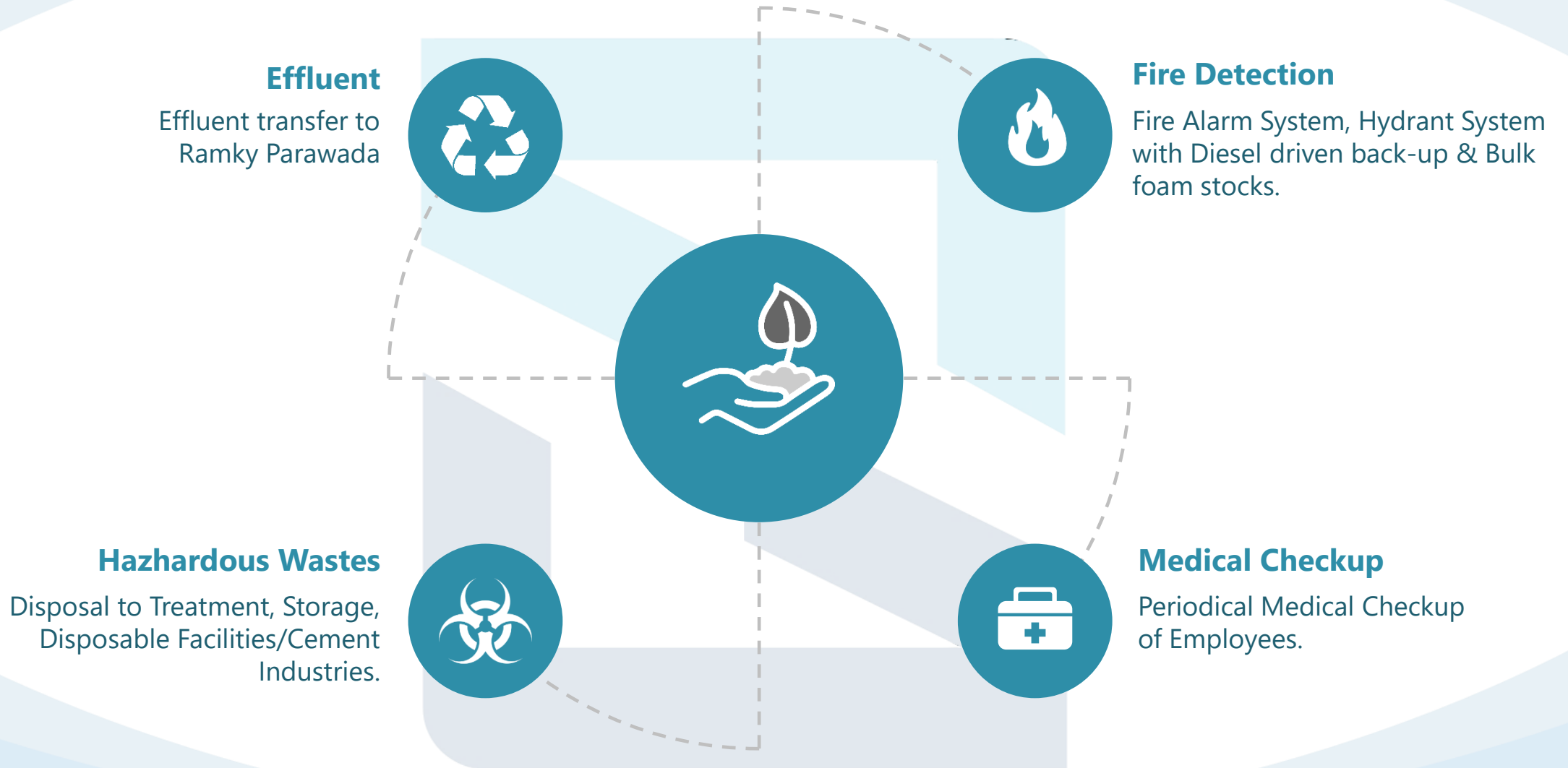


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QUALITY MANAGEMENT SYSTEM

- ❖ Documentation and Records Control
- ❖ Release of Intermediates
- ❖ Handling of Change Control / Deviations / Incidents
- ❖ Out of Specifications
- ❖ Process / Cleaning Validations
- ❖ Analytical Method Validations
- ❖ Customer Complaints / Returned Goods
- ❖ Trainings
- ❖ Pest and Rodent Control
- ❖ Calibration Program
- ❖ Preventive Maintenance Program
- ❖ Stability Monitoring
- ❖ Vendor Qualification
- ❖ Corrective Action and Preventive Action

ENVIRONMENT, HEALTH & SAFETY



LIST OF MAJOR CUSTOMERS

- ❖ Amoli Organics Pvt Ltd
- ❖ Aurigene Pharmaceuticals Services Limited (Dr. Reddys Group)
- ❖ Bajaj Healthcare Ltd
- ❖ BDR Pharmaceuticals
- ❖ Glenmark Life Sciences Limited
- ❖ Hikal Ltd
- ❖ MSN Laboratories Ltd
- ❖ Macleods Pharmaceuticals Ltd
- ❖ Optimus Drugs Private Limited
- ❖ Vasudha Pharma Chem Limited

- ❖ Codupha
- ❖ Eskayef Pharmaceuticals Ltd





Thank You