

Accusynth Speciality Chemicals Pvt. Ltd.



- The facility is dedicated for manufacturing of various pharma intermediates.
- The plant is designed as per ICHQ7 & GMP guidelines.
- All regulatory procedures as per ICH guidelines are implemented.
- The manufacturing site is situated around 140 kms. away from the city of Mumbai.

Production Capabilities

Reactions Can Be Carried On Industrial Scale

- Chlorination
- Bromination
- Iodination
- Hydrolysis
- Reduction
- Ammonolysis
- Diazotisation
- Mannich Reaction
- Friedal Craft Reaction
- Cyclisation
- Nitration
- Esterification
- Methylation
- Condensation
- Methoxylation
- Oxidation
- Aldehyde/Alcohol Synthesis
- Substituted Benzophenones
- Sulfonations.

List of Equipment's

EQUIPMENT	MOC	CAPACITY	NOS.
▪ STORAGE TANK	MS	26 KL	FIVE
▪ STORAGE TANK	SS	3 KL	FOUR
▪ STORAGE TANK	SS	6 KL	THREE
▪ STORAGE TANK	SS	2.5KL	FOUR
▪ STORAGE TANK	MS	12 KL	FOUR
▪ STORAGE TANK	HDPE	10 KL	FOUR
▪ STORAGE TANK	HDPE	15 KL	TWO
▪ STORAGE TANK	HDPE	5 KL	ONE
▪ STORAGE TANK	HDPE	4 KL	THREE
▪ STORAGE TANK	HDPE	3 KL	THREE

List of Equipment's

EQUIPMENT	MOC	CAPACITY	NOS.
▪ REACTOR	GLR	3.5 KL	ONE
▪ REACTOR	GLR	6.3 KL	THREE
▪ REACTOR	GLR	4.5 KL	TWO
▪ REACTOR	GLR	1.6 KL	ONE
▪ REACTOR	SSR	1.5 KL	TWO
▪ REACTOR	SSR	4.5 KL	FOUR
▪ REACTOR	SSR	8.0 KL	THREE
▪ REACTOR	SSR	6.0 KL	ONE
▪ REACTOR	SSR	100 LTR	ONE
▪ REACTOR	SSR	5.0 KL	ONE
▪ REACTOR	SSR	3.5 KL	ONE
▪ REACTOR	HDPE	5.0 KL	TWO
▪ REACTOR	HDPE	8.0 KL	ONE
▪ REACTOR	HDPE	2.5 KL	ONE
▪ CENTRIFUGE	SS-316	48 INCH SIZE	THREE
▪ DRYER	SS	96 TRAYS	TWO
▪ ANFD	SS-316	5.0 KL	TWO
▪ RCVD	SS	1.0 KL	ONE
▪ FRACTIONATING COLUMN	SS	16 " DIA – 13 M HIGHT 3.0 KL POT	SIX

UTILITY SECTION			
▪ EJECTOR WATER JET	SS	650 TO 700 MM VACUUM	FOUR
▪ HIGH VACCUM OIL PUMP		755 MM VACUUM	TWO
▪ BOILER-STEAM		800 KG./ HR.	THREE
▪ COOLING TOWER			TWO
▪ CHILLING PLANT		40 HP	THREE
▪ CHILLING PLANT		75 HP	ONE
▪ BOILER-OIL HEATING		FOR HIGH TEMPRATURE	ONE
▪ DG SET		125 KVA	ONE
▪ DG SET		400 KVA	ONE
▪ AIR COMPRESSOR			ONE
▪ TRNSFORMER		800 KVA	ONE
SCRUBBER		OFF GASES SCRUBBING IN WATER FOLLOWED BY DILUTE SODIUM HYDROXIDE SOLUTION	
ETP		PRIMERY TREATMENT PLNT	CETP CONNECTION

List of Instruments:

NAME OF INSTRUMENT	MAKE	NOS.
▪ GAS CHROMATOGRAPH 2010 WITH HS	SHIMADZU	ONE
▪ GAS CHROMATOGRAPH 2010 WITH AS	SHIMADZU	TWO
▪ GAS CHROMATOGRAPH 2014	SHIMADZU	ONE
▪ GAS CHROMATOGRAPH	NETEL	ONE
▪ HPLC 2010 HT	SHIMADZU	ONE
▪ HPLC LC 20A	SHIMADZU	ONE
▪ HPLC 1260 INFINITY II	AGILENT	ONE
▪ UV SPECTROPHOTOMETER	SHIMADZU	ONE
▪ ANALYTICAL BALANCE	SARTORIUS	ONE
▪ ANALYTICAL BALANCE	A&D COMPANY	ONE
▪ AUTO TITRATOR	METLER	ONE
▪ KARL FISCHER TITRATOR	DBK	ONE
▪ PH METER	DBK	ONE
▪ MELTING PONT APPARATUS	DBK	TWO
▪ STABILITY CHAMBER	EXPO HITECH	THREE
▪ VACCUME OVEN	INNOVATIVE	ONE
▪ VACCUME OVEN	META LAB	ONE

Quality units

- ✓ Well defined quality management system is established as per ICH guidelines.
 - ✓ The quality units are separate and independent from the production department.
 - ✓ Current GMP and standard laboratory practices are being followed and monitored.
 - ✓ Quality systems like validation, change control, deviation, vendor approval, self inspection, trainings, product control, cleaning and hygiene are monitored during manufacturing and analytical operations.
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Quality control

- ✓ Quality control is capable of analyzing the RM/PM in-process sampling and FG analysis.
 - ✓ The facility has been inspected for the following certifications and we shall receive the same within the next two months.
ISO 9001:2008 / ISO 14001:2004 / OHSAS 18001:2007
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Utility Area :

- Utility accommodates basic needs of pharma manufacturing.
- Steam boiler, nitrogen plant, chiller, cooling tower, vacuum system

Environment, Health And Safety :

- A well-designed fire hydrant system is in placed.
- The effluent treatment plant comprises of primary and secondary treatment facility.

Reaction Capabilities

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 - Methoxylation
 - Aldehyde/Alcohol Synthesis
 - Substituted Benzophenones
 - Sulfonations.
 - Grignard reaction

Thank You