

Facility details of Synnova Intermediates

REACTORS & HEAT EXCHANGERS		
EQ. NAME	MOC/Make	CAPACITY
Stainless steel reactor (Anchor impeller)	SS316	1KL
Primary Heat Exchanger	SS316	8m ²
Secondary Heat Exchanger	SS316	4m ²
Stainless steel reactor (Anchor impeller)	SS316	3KL
Primary Heat Exchanger	SS316	12m ²
Secondary Heat Exchanger	SS316	6m ²
Stainless steel reactor (Anchor impeller)	SS316	4KL
Primary Heat Exchanger	SS316	12m ²
Secondary Heat Exchanger	SS316	6m ²
Stainless steel reactor (Anchor impeller)	SS316	6.3KL
Primary Heat Exchanger	SS316	16m ²
Secondary Heat Exchanger	SS316	8m ²



SYNNOVA INTERMEDIATES PVT. LTD

Plot 36-P & 37, Kadachur Industrial Area, Yadgir district, Karnataka

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Website: www.synnovaintermediates.com

Glass lined reactor (Anchor impeller)	Glass lined	1.5KL
Heat Exchanger	All Glass	5m ²
Glass lined reactor (Propeller impeller)	Glass lined	3KL
Heat Exchanger	All Glass	8m ²
Glass lined reactor (Anchor impeller)	Glass lined	4KL
Heat Exchanger	All Glass	8m ²
Glass lined reactor (Anchor impeller)	Glass lined	6.3KL
Primary Heat Exchanger	All Glass	10m ²
Secondary Heat Exchanger	All Glass	6m ²
Pilot Plant Reactor - 1	All Glass	100 L
Pilot Plant Reactor - 2	All Glass	30 L
FILTRATION EQUIPMENT		
SS Centrifuge	SS316	48"
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Leaf filter	SS316	200 L



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Nutsche filter	PP	500 L
Nutsche filter	SS316	500 L
Candy filter	SS316	20 L
TRAY DRYERS		
Steam Tray Dryer	SS316	96 trays
Vacuum Tray Dryer	SS316	48 trays
SOLVENT STORAGE TANK		
Underground Storage Tank	MS	20KL
Underground Storage Tank	MS	10KL
RECEIVERS & ADDITION VESSELS		
Receiver	SS316	250L
Receiver	SS316	500L
Jacketed Receiver	SS316	500L
Receiver	SS316	1000L
Receiver	HDPE	500 L

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Addition vessel	All Glass	100 L
UTILITIES, COOLING TOWER & WATER TREATMENT SYSTEM		
Steam Boiler	-	2 TPH
Chiller	-	38 TR @ -20°C
Thermic Fluid Heater	-	2 Lakh Kcal/hr
Air compressor	-	20 CFM
Diesel Generator	-	160 KVA
Cooling Tower	PPFRP	200 TR
Cooling Tower	PPFRP	80 TR
Cooling Tower	PPRFP	60 TR
Water RO System	-	1000 LPH
EFFLUENT TREATMENT		
ETP Tank	HDPE	1 KL
ETP Tank	HDPE	5 KL



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ETP Tank	HDPE	10 KL
ETP Tank	HDPE	20 KL
ETP Tank	HDPE	20 KL
Two stage Scrubber	HDPE	3000 cfm
VACUUM SYSTEMS		
Jet Vacuum System	PP	15 HP
Jet Vacuum System	PP	15 HP
Jet Vacuum System	PP	12.5 HP
POWDER PROCESSING EQUIPMENT		
Sifter	SS316	30"
Multi Miller	SS316	200 kg/h
QUALITY CONTROL		
HPLC P Series Quaternary UV system	Shimadzu	-
GC 2014 C	Shimadzu	-
Analytical Weighing Balance	Wensar	-



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Precision Weighing Balance – 10mg readability	Avi Scientific	-
Hot Air Oven	Bio Technics	-
Vacuum Oven	Bio Technics	-
Microprocessor pH meter	Avi Scientific	-
UV cabinet	Bio Technics	-
Melting Range Apparatus	Avi Scientific	-
Digital KF Titrator	Avi Scientific	-