

Tag No.	Name	Type	Process parameters					Construction Details			
			Operating temp (C°)	Operating Pressure(absolute) (kg/cm2)	Fluid	Flow Rate(kg/hr)	Fluid Density (kg/m3)	Dia (mm)	Material	Height (m) (Approx.) TL-TL	Internals Detail
UDA 202	Low Pressure Decomposer	Column/Separator	155	5	Urea Solution		1123	1700	All Duplex Steel DP-12	6200	pall rings, Trays, Bubble caps
UDA 503	Atmospheric Absorber	Bottle	175	1				Lower =1350 & Upper = 300	SS 304	Upper:1.5 Lower:4	Packing, Trays & Spayers
UDC-102	Hydrogen Convertor		308	42				1250	C.S		Catalyst (.83 m3), Alumina Balls
UFA-101	High Pressure Steam Saturator			17			853	1900	C.S	TL = 3000	Two Sparger Pipes
UFA-102	Low Pressure Steam Drum			6,5	Steam Condensate			3850	C.S	5775	Demister
UFA -202C	1st Stage Evaporation Separator		175	1,5	Urea Solution	45736	1200	3100	S.S 304	TL = 2650	Distributor, Vapour Catcher System
UFA -205	Flash Tank		150	2	Urea Solution		1136	1650	SS 304	TL=2250	Baffles, Vortex Spoiler
UFA -207	LP Separator		155	5	Urea Solution		1121	500	SS 316L UG	950	Baffles, Vortex Spoiler