

Air coolers											
Item tag	Service	No. of units	Estimated area per unit (m2)	Header material	Tube material	Design/Operating pressure (barg)	Design/Operating temperature (°C)	Remarks			
Columns											
Item tag	Service	No. of units	Section (top/bottom)	Shell material	Section diameter (mm)	T-T height (mm)	Design/Operating pressure (barg)	Design/Operating temperature (°C)	Tray/Jack material	No. of trays	Remarks
Compressors											
Item tag	Service	No. of units	Type	Gas handled	Rated act. flow (km3/h)	Inlet pressure (barg)	Outlet pressure (barg)	Estimated design/operating shaft power (kW)	Molecular weight	Driver type	Remarks
Heat exchangers											
Item tag	Service	No. of units	Estimated area per unit (m2)	No. of shells per unit	Tube material	Tube design/operating pressure (barg)	Tube design/operating temperature (°C)	Shell material	Shell design/operating pressure (barg)	Shell design/operating temperature (°C)	TEMA type Remarks
Heaters											
Item tag	Service	No. of units	Rated absorbed heat (Gcal/h)	Tube material	Design/Operating pressure (barg)	Design/Operating temperature (°C)	Remarks				
Pumps											
Item tag	Service	No. of units	Type	Material casing/impeller	Rated capacity (m3/h)	Density (kg/m3)	Estimated design/operating shaft power (kW)	Driver type	Remarks		
Reactors											
Item tag	Service	No. of units	Material	Beds & quench sections	Internal diameter (mm)	T-T length (mm)	Design/Operating pressure (barg)	Design/Operating temperature (°C)	Head Type	Remarks	
Vessels											
Item tag	Service	No. of units	Horizontal/Vertical	Demister (Y/N)	Material	Internal diameter (mm)	T-T length (mm)	Design/Operating pressure (barg)	Design/Operating temperature (°C)	Remarks	