

### Example of a Criticality Analysis

Level 5 (System or Process)	Level 7 (Asset)	Operational Severity	Safety Severity	Environmental Severity	Single Point Failure	Maintainability	Reliability	Spares Lead Time	Sum of Criteria	Asset Criticality
Atmospheric Distillation	Desalter	5	3	6	10	3	4	1	32	4.6
Atmospheric Distillation	1 A Heat Exchanger	4	5	3	5	4	4	2	27	3.86
Atmospheric Distillation	1 B Heat Exchanger	4	5	3	5	4	6	2	29	4.14
Atmospheric Distillation	Tower	8	7	4	10	7	6	10	52	7.4
Atmospheric Distillation	Reflux Drum	5	5	3	10	3	7	3	36	5.1
Atmospheric Distillation	Condenser	5	3	3	10	5	2	3	31	4.4