

Score	Definition	Areas to Consider	1	2	3	4	5
<b>Integrity</b>	An indication of the physical condition of an asset delivering service to customers.	Pumps - efficiency for bearings etc. Pipework - rust known internal work. Control Equip – Valves operating as they should. Monitoring Equip - calibrated, wiring, etc. Maintenance - amount of unplanned work on equipment.	No Physical defects or problems	Minor physical defects which require little cost to maintain, rectify	Minor physical defects require regular maintenance to repair	Considerable physical defects that require CAPEX for refurb or replacement in the near future	Immediate replacement or major refurb due to physical defects. The asset should not or preferably not be used for operations due to its physical condition
<b>Residual Life</b>	The estimation of an asset's remaining service life. Calculation = Effective time in Service / service life	Estimate current age (time in service) in years. Estimate residual time (time left in service)	<10%	10% > Residual life > 50%	50% > Residual life > 80%	80% > Residual life > 200%	Residual life > 200%
<b>Safety</b>	An indication of the condition of assets whose failure may result in the unsafe operation of plant	Maintenance - space, cranes, electronic isolation. Flood protection. Buildings - alarms, locks, window grills. Fail safe. Signage. Fire alarms & equipment	Low risk. No harm normal operation, fail safe	Minor safety infringement requiring little maintenance. Medium risk site with all dangers well signed	Safety infringement that would only put a person at risk if it were to fail but it is regularly maintained.	Safety infringement that puts people at risk under normal operation, that involve capital costs to repair/replace	Safety infringement that causes serious and imminent danger to anyone in the area. Requires immediate CAPEX to repair/replace.

Table 6-2: Categorization Basis