

Functional Hierarchy

Developed based on ISO Standard: ISO 14224

Main Category	Hierarchy level	Hierarchy	Definition	Examples
Use/ Location Data	1	Corporate Entity	Corporate body maintaining ownership over local body	ABC Incorporated
	2	Business unit	The individual plant or facility, which is in control of, or in possession of the asset	XYZ Plant
	3	Cost Center/ Operating unit ¹	Departments or production centers	Filtration, Pothouse, Casters, Barmill, Roll Forming, Infrastructure
	4	Function	Major process section within operating unit	Finish Grinding, Raw Grinding, Pots, Utilities
Equipment Subdivision	5	System	A combination of subsystems, assets and components forming a unit to support a process function.	Lubrication system, Cooling System, Process Control System,
	6	Subsystem/ Asset	Logical grouping of components that will perform a series of key functions required by a plant or facility.	Lubrication subsystem, Cooling subsystem, Control and Monitoring, Heating subsystem, Pelletising subsystem, Quenching subsystem, Refrigeration subsystem, Reflux subsystem, Distributed control subsystem
	7	Component/ Maintainable Item ²	The group of parts of the subsystem that are commonly maintained (repaired/restored) as a whole.	Cooler, Gearbox, Pump, Motor, Fan, Valve, Cylinder.
	8	Part/BOM ³	<i>The lowest level to which equipment can be disassembled without damage or destruction to the item involved</i>	<i>Seal, tube, shell, impeller, gasket, filter, plate, bolt, nut, etc</i>

¹Cost Centers and Operating Units may alternatively be treated as separate levels

²For some types of equipment, there may not be a MI. E.g., if the subsystem class is Piping, there may be no MI, but the Part could be "Elbow".

³This level is placed in the standard for informational purposes only. Parts/BOM items are not expected to be captured on the functional hierarchy.