

Function Block Diagram (FBD)

Key Point(s):

- Function Block Diagram is a diagram to break down the system to component parts hierarchically by focusing on the relationship among functions.
- Function of the parts, potential failure modes and points on design countermeasures are considered using Function Block Diagram in advance of FMEA.

Minimum Content Requirement(s):

- The Function Block Diagram shall include;
 - Clarify the hierarchic structure between system and sub-system.
 - Clarify all the components that compose each sub-system and function of each component.
 - Clarify all the required parts to achieve the function of the component and add the function of each part.
 - Express the above relation using logic tree.

Document Description:

- Supplier own document.