

KES

FMEA Operation Standard for Welding Fixtures and Devices

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1. Purpose

The purpose is to assure the confidence and resolve the construction problems early by assuming and analyzing causes of the troubles and the what kind of influence will be exerted by an expected type of construction trouble for fixtures of body welding fixtures and devices for the white body assembly.

2. Scope of application

This standard shall be applied to a system or machinery, equipment, tool for the fixtures of body welding fixtures and devices.

3. Operation Method of FMEA

For the operation method of the FMEA, follow the following orders to operate.

- (1) Confirm a role for each function for each assembly unit that composes the equipment.
- (2) Decide the construction level of each function for each assembly unit.
- (3) Decide each functional block.
- (4) Arrange the disjointed construction component according to its functional block, and create the confidence block drawing.
- (5) Enumerate a trouble mode for each block.
- (6) Among the trouble modes, select the trouble mode effective to the FMEA operation.
- (7) Enumerate assumed causes for the selected trouble mode.
- (8) Summarize and arrange the results above.
- (9) Comparing the conditions of the design and the importance of the trouble, decide the trouble grade according to the specified standard.
- (10) Establish the measures and improvement ideas in an order of the trouble grade.
 - Change of design
 - Use of part with high confidence