

# Poka-yoke Sheet

**Problem :** Eyelet closing can take place without fire ring insertion.

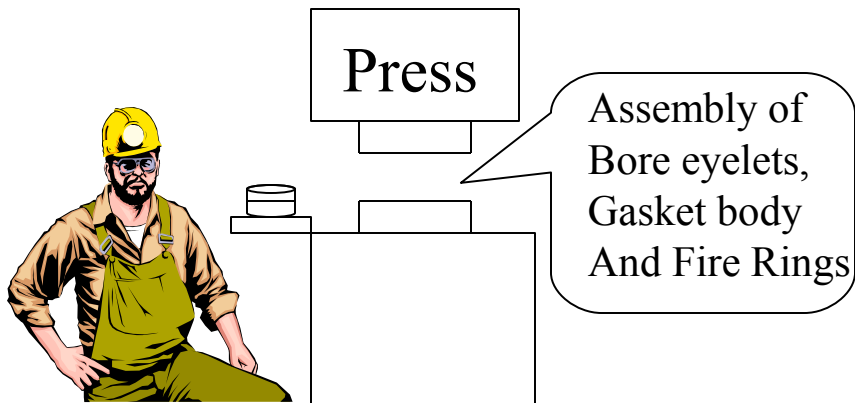
**Solution :** Do not allow the assembled component to go to closing tool with missing fire rings.

**Key improvement :** Vision inspection system to be installed at the input end of the eyelet closing press.

*	Prevent Error		Shutdown
		*	Control
	Detect Error		Alarm

## Before

Press operator assembles the bore eyelets, gasket body and fire rings directly on the press tool . Due to human error or monotonous job he sometimes forgets to place the fire rings.



## Under Progress

Components are assembled on the preclosing table and are passed through vision inspection system before it goes to closing operation.

