

# POKA-YOKE SHEET

**PROBLEM:**

**U-BOLT - STEM DIFFERENCE PROBLEM**

**SEC: U.BOLT**

**DT. 25.03.02**

**PREVENT ERROR**

**SHUTDOWN**



**DETECT ERROR**



**CONTROL**

**ALARM**

**BEFORE**

**AFTER**

**STEM DIFFERENCE PROBLEM IS BEING OBSERVED AT U-BENDING OPERATION DUE TO U-BOLTS LENGTH VARIATION.**

**(WRONG SETTING PCS. GET MIXED WITH OK PCS)  
MATERIAL MIIXING OF DIFFERENT CODES.**

**LENGTH IS CONTROLLED AT HEATING PROCESS BY PROVIDING ONE MORE LENGTH STOPPER (ADJUSTABLE) ON INDUCTION HEATER MACHINE.**



**STOPPER**