

#### STEP 03: CONVERT INTERNAL ACTIVITIES TO EXTERNAL

### YOUR ORGANIZATION SHOULD TRY TO CONVERT ITS INTERNAL SETUP ACTIVITIES INTO EXTERNAL ACTIVITIES BY:

- CHANGING WORK METHODS
- ADDING WORK AIDS
- PURCHASING DUPLICATE SET OF TOOLS OR EQUIPMENT

HERE ARE SOME TIPS & TRICKS TO ENABLE THE CONVERSION OF INTERNAL SETUP ACTIVITIES TO EXTERNAL:

#### **HEATING**

MATERIALS CAN BE PREHEATED
OUTSIDE THE SETUP
PREHEAT THE MATERIAL IN ANOTHER
VESSEL

SAME TYPE OF REASONING CAN ALSO BE APPLIED TO OTHER OPERATIONS LIKE COOLING AND MIXING OF MATERIALS



#### **CLEANING**

## CLEANING ACTIVITIES CAN ALSO BE CONVERTED INTO EXTERNAL SETUP ACTIVITIES BY:

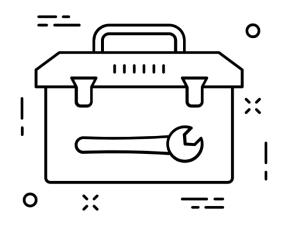
 USING TWO SETS OF TOOLS AND EQUIPMENT

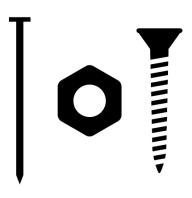
WORKERS CAN REPLACE
CONTAMINATED EQUIPMENT WITH A
CLEAN SET TO CONTINUE THE
PRODUCTION PROCESS WHILE THE
CONTAMINATED EQUIPMENT IS
CLEANED EXTERNALLY



#### **STEP 04: STREAMLINE WORK**

# SIMPLIFYING INTERNAL ACTIVITIES AND STREAMLINING THE WORK IN YOUR ORGANIZATION REDUCES SETUP TIMES USE OF STANDARDIZED PARTS ALSO SIMPLIFIES THE PROCESSES AND REDUCES SETUP TIMES





HAVE MULTIPLE TOOLKITS

**USE STANDARDIZED PARTS**