

## Week 6: Planning and Management

### Team-Building Stickle Brick Production-line Exercise

#### What is it?

A team-building exercise to reinforce the process of working as a team in an engineering environment and the importance of communication between departments within an organisation.

#### Why do it?

This exercise helps engineering students practise their communication skills and their ability to follow basic instructions to produce a product to a set standard. The task utilises departments found within an organisation.

#### Time

30-60 minutes

#### Number of Participants

This exercise should be carried out in small teams of 1-3 people with at least 5 departments. At least 10 people needed to run each production line.

#### Supplies Needed

- Instruction Pack/Planning paper
- Room to carry out task
- Box of Stickle Bricks min of 4 types
- Five 6ft tables
- 10 seats (Do not have to be used)
- Visual Images of each task (images specific to area)
- Timer/Stopwatch

#### Process Steps

1. Follow the instructions in the correct order.
2. Each learner will participate in the team to carry out a step on the production line.
3. Brainstorming or planning can be done using the paper provided in the instruction pack.
4. Each student will complete any tasks given to them by the group leader.
5. Each section of the production line will pass on items to the next stage.
6. The final section will hand products to the quality department for inspection.
7. All completed products will be counted against the visual management.
8. After each production run one change can be made. This has to be discussed by the group and changed by the overall production leader.
9. Learners will return any unused materials to the box provided.
10. Debrief: feedback will be given to all learners and lessons learnt will be discussed.

## The Scenario

You are a newly recruited team member in an engineering company. You now have to get to know your fellow team members and their strengths and weaknesses in the team.

You must show you can work as part of a team, plan tasks in a timely manner and meet deadlines. You also have to show that you can communicate effectively in your team and to other departments.

## The Marking Worksheet

[illegible]

### Achievement Level

Complete the task in the allocated time and produce the required number of products to the correct specification.

## Debrief

When all the stores have been returned to the front of the class the learners will be asked how they feel the activity went and the tutor will give them their results. Learners will discuss why it is important to work in teams in the engineering world and what happens when teams do not work well.