

# 5 Industry

## Unit Focus

Production Construction Automation

### Unit overview

Unit components	Focus	TOEIC® practice	Duration
Snapshot	Manufacturing; industry; construction	Part 1	15–25 mins
Grammar Check 1	The passive	Part 6	30–40 mins
Listening 1	Jelly Belly factory tour	Part 2	15–25 mins
Vocabulary Builder	Synonyms and antonyms	Part 5	20–30 mins
Listening 2	Troubleshooting	Part 3	30–40 mins
Viewpoint	Robotics	Part 7	25–35 mins
Grammar Check 2	Causative verbs	Part 5	20–30 mins
Listening 3	Save or scrap: building upon the past	Part 4	15–20 mins
Communication	Construction and development versus preservation and heritage		40 mins
		<b>Total</b>	3 hrs 30–4 hrs 45

### Snapshot

#### Aims

- TOEIC® Part 1 practice: picture analysis
- Vocabulary development: manufacturing; industry; construction
- Discussion

The pictures feature a shoe manufacturing assembly line, a refinery, a construction site and a steelworks. Focus students' attention on the people, objects, equipment and clothing in a brainstorming activity either as a whole class with you providing vocabulary as needed and organizing the students' input on the board, or in pairs or small groups for students who can work more independently. Ask them to describe the actions that are taking place. Students should be able to come up with several suggested statements to describe what is happening in each picture. This pre-listening strategy will help students predict the statements they will hear in exercise B.

### Picture descriptions

#### Picture 1

This picture shows an *assembly line* in a shoe *manufacturing factory*. The women are using *industrial sewing machines* to *stitch* the shoes. They are all wearing *bonnets*.

#### Picture 2

This picture shows an *inspector* in a *refinery*. He is standing in front of a large *tank*. He is wearing a *hard hat* or a *helmet* with *goggles*. He appears to be turning a *valve* in order to test the flow of *gas*. There is a *gas* or *vapor* *exiting* from one of the many *pipes*.

#### Picture 3

*Carpenters* or *construction workers* are *building* a *wooden structure*. They are passing *lumber* (wooden boards) to the upper level of the structure. They are wearing *hard hats* and *tool belts*. We can see a *hammer* *hanging* from one of the belts.

#### Picture 4

This picture shows a worker *producing* steel in a *steelworks*. We can see molten metal. The worker is wearing *protective eyewear* and *gloves*.

**Answers****A****Suggested vocabulary**

	People	Objects	Actions
<b>Picture 1</b>	line workers	factory assembly line production line shoes sewing machines bonnet	sewing stitching making manufacturing working
<b>Picture 2</b>	inspector	hard hat helmet goggles tanks pipes gas refinery plant	inspecting testing examining checking looking
<b>Picture 3</b>	carpenters construction workers laborers	tools tool belts hammer hard hats boards lumber	building constructing lifting handing
<b>Picture 4</b>	steelworker	molten steel raw materials gloves protective eyewear goggles	producing

**Possible statements****Picture 1**

Shoes are being manufactured on an assembly line.  
The line workers are using special machines and are wearing short-sleeved blouses and bonnets.

**Picture 2**

An inspector is checking a tank at a refinery where gas is being produced.  
He's wearing a hard hat and black overalls.

**Picture 3**

A team of carpenters is building a structure out of wood.  
They are wearing hard hats and have tool belts.

**Picture 4**

A steelworker is working with molten steel.  
He's wearing gloves and goggles (protective eyewear).

**B**

1 B, E      2 A, D      3 F, H      4 C, G

**AUDIOSCRIPT****B**

- A The inspector is checking the equipment.  
B They're working on an assembly line.  
C The hot, molten steel is being processed in the steelworks.  
D The holding tank is being tested.  
E Shoes are being manufactured in the factory.  
F The carpenters are wearing hard hats.  
G The steelworker is wearing protective eyewear.  
H The structure is being built out of wood.

**Grammar Check 1****Aims**

- TOEIC® Part 6 practice: text completion
- Grammar point: the passive
- Topics: Jelly Belly factory tour; manufacturing

Point out that the passive is often used to describe processes and to focus on the action. The emphasis is on *what is being done* rather than *who is doing it*. Exercises A and B have students determine the grammar rule from the examples.

The passive is a fundamental yet far-reaching grammar point. Passive forms are complex because they occur in a variety of tenses and usage. A good strategy for getting students to understand the way the passive works is to have them change sentences from the active to the passive, and vice versa, as in the examples.

- a *The workers **are mixing** the raw materials in large basins.*  
b *The raw materials **are being mixed** in large basins (by the workers).*

**Answers****A**

- 1 The raw materials are being mixed in large basins.  
2 The workers are mixing the raw materials in large basins.

**B Grammar rule**

The passive is formed by using the appropriate form of the auxiliary verb *to be* + the past participle form of the main verb.