English for the Oil industry



Evan Frendo with David Bonamy Series editor David Bonamy

Contents

		Function	Language	Vocabulary			
	Introductions p.4	Introducing yourself	Verb be I'm Jennifer Burgess.I'm from Scotland.I'm a radio operator.	Jobs in the oil industry Countries			
^	Getting oil to the customer p.5	Describing people	Present simple Matthew works on an oil rig. Present simple of be Ricardo is a roustabout.	Stages in getting oil to the custome			
Unit 1 The oil industry	Spelling p.6	Exchanging information	How do you spell ?	The alphabet			
	Jobs p.7	Describing people's jobs	Present simple We transport the oil. Present simple of be I'm the supervisor.	Jobs in the oil industry			
	Introducing yourself and others p.8	Introducing yourself and others	Asking questions Where does he work? What does he do?	Jobs in the oil industry			
	Health and safety: Personal protective equipment (PPE) p.9	Describing personal protective equipment	Asking questions What does a helmet protect?	Personal protective equipment			
	Oil fields p.10	Talking about oil fields around the world	Asking questions Where is Ghawar?	Oil-producing countries and states			
	Review p.11 On land p.12	Explaining about looking for oil on land	Asking questions What's this? What does this do?	Word partnerships: thumper truck, energy source,			
	At sea p.13	Explaining about looking for oil at sea	Describing how to look for oil at sea	Word stress			
for oil	Seismic operators p.14	Describing what seismic operators do	Plurals	Word partnerships handle explosives			
. gu	Numbers p.15	Using numbers (1 to 100)	one, two, ninety, one hundred	Numbers			
Unit 2 Looking for oil	Where is it? p.16	Saying where things are	Prepositions	Personal protective equipment Everyday objects			
Unit 2	Health and safety: Instructions p.17	Understanding and giving instructions	Imperatives Turn off the phone	bring, be, turn, keep, put, touch			
	Giving personal information p.18	Giving personal information	Asking questions What's your name? Where do you live? How tall are you?	Numbers			
	Review p.19						
	Oil field equipment p.20	Describing oil field equipment	What's this? What are those?	Oil field equipment			
	Operating equipment p.21	Giving and understanding instructions for operating equipment	Imperatives turn, open, close	Oil field equipment			
<u>s</u>	Control panels p.22	Describing control panels	There is / There are	Control panel components			
Init 3 Oil fields	Telling the time p.23	Telling the time	Three o'clock What time?	Numbers			
nit 3 C	Asking questions about equipment p.24	Asking questions about equipment	What's this? What are these for?	Oil field equipment Personal protective equipment			
_	Health and safety: Warning signs p.25	Understanding warning signs	must must not	Warning signs			
	Making conversation p.26	Making conversation	Asking questions Where's Are you sure? Cup of tea?	Forms No problem, OK, Good idea, Fair enough			
	Review p.27						
	Drilling a well p.28	Explaining about drilling a well	Sequencing	Verbs connected with drilling a we			
	The rotary system p.29	Describing the rotary system	Sequencing	Parts of the rotary system			
Unit 4 Drilling	Lifting gear p.30	Explaining about lifting gear	Present simple This is a This goes from This pulls the	Parts of the lifting system			
يّ	Hand tools p.31	Describing hand tools	to / too	Hand tools			
it 4	Directions p.32	Asking for and giving directions	supervisors / supervisor's / supervisors'				
Oni	Health and safety: Helicopters p.33	Understanding helicopter safety instructions	Imperatives	Helicopter safety instructions			
	Off-shift in the canteen p.34	Ordering food in the canteen	Asking for and about food I'd like Could I have	Food			

		Function	Language	Vocabulary	
	Oil rig systems p.36	Describing oil rig systems	Positions above, below, to the left of	Oil rig systems	
Unit 5 Working offshore	What does it do? p.37	Asking questions about function	What does it do?	Oil rig systems	
	Dimensions p.38	Using dimensions	Numbers	Numbers Pipe dimensions diameter, bore	
	Offshore fixed platforms p.39	Using dimensions	Dimensions – adjectives and nouns	long / length thick / thickness high / height	
	Asking for information p.40	Asking for information	How long is it? What is the length? many / much	Numbers Dimensions	
	Health and safety: In the sick bay p.41	Describing basic medical problems	have / have got	Medical problems	
	Crew quarters p.42	Describing the crew quarters on an oil rig	There is / There are It is / They are	Crew quarters	
	Review p.43				
	Refineries p.44	Describing refineries	Greeting visitors	Parts of a refinery	
	Parts of a refinery p.45	Describing refineries	This is / These are This provides	Parts of a refinery	
	Refinery jobs p.46	Describing refinery jobs	Present simple	Refinery jobs	
ining	In the control room: PCBs and resistors p.47	Using colours	What does? / What do?	Colours	
Unit 6 Refining	Dates p.48	Using days, months and dates	Ordinal numbers	Days Months Dates	
	Health and safety: Emergency procedures p.49	Describing emergency procedures	Imperatives	Emergency procedures	
	Talking about the weather p.50	Talking about the weather	It is It's going to be	Weather Numbers	
	Review p.51				
	Petroleum products p.52	Describing petroleum products	are used you can see was built	Petroleum products Numbers	
	Properties p.53	Describing properties of petroleum products	Present simple are made from	Properties of materials	
age	Describing storage facilities p.54	Describing storage facilities	Comparatives Superlatives	Adjectives	
Unit 7 Storage	Health and safety: Fire safety p.55	Explaining how to operate a fire extinguisher	Imperatives	Parts of a fire extinguisher	
ii S	Incident reports p.56	Reporting past incidents	Past simple	Incidents	
	Talking about past incidents p.57	Reporting past incidents	Past simple	Incidents	
	In the storeroom p.58	Requesting items from the storeroom	I need a / some Do you have any What type? Can you order some?	Hand tools Hardware	
	Review p.59				
	Laying a pipeline p.60	Explaining about laying a pipeline	Present simple	Stages of laying a pipeline Pipeline jobs	
	Reporting progress p.61	Reporting progress	Past simple	Stages of laying a pipeline	
t	A pipeline route p.62	Describing a route	will for talking about the future	Directions	
spor	Pipeline jobs p.63	Describing pipeline jobs	Present simple	Pipeline jobs	
Unit 8 Transport	Oil tankers p.64	Describing types of oil tanker	Large numbers	Numbers draft, beam, air draft	
Unit	Health and safety: Vehicle maintenance p.65	Using a vehicle maintenance checklist	Past simple	Parts of a road tanker	
	Off-shift: Life on a supertanker p.66	Describing hobbies and interests	Adverbs of frequency never, sometimes twice a week	Hobbies and interests	
	Review p.67				
Partner	files: Student A p.68				

Audioscript p.69

Partner files: Student B p.79

1

The oil industry

- Introduce yourself and others
- Talk about getting oil to the customer and oil fields around the world
- Talk about jobs in the oil industry
- Say the letters of the alphabet
- Talk about personal protective equipment (PPE)

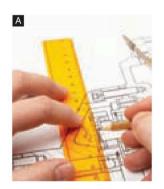
Introductions

Listening

I am → I'm
You are → You're
He/She/lt is → He's/
She's/lt's
We are → We're
You are → You're
They are → They're

Listen and read. Match the texts 1–5 with the pictures A–E.

- 1 Hi. My name is Armando Panganiban. I'm from the Philippines. I'm a driver. ${\it E}$
- 2 Hello. My name's Ricardo Cabrera. I'm from Venezuela. I'm a roustabout.
- 3 I'm Ali bin Khalid, from Saudi Arabia. I'm an engineer. Nice to meet you.
- 4 Hi, I'm Jennifer Burgess. I'm from Scotland. I'm a radio operator.
- 5 Hello. I'm Matthew Aondoakaa from Nigeria. I'm a seismic operator.







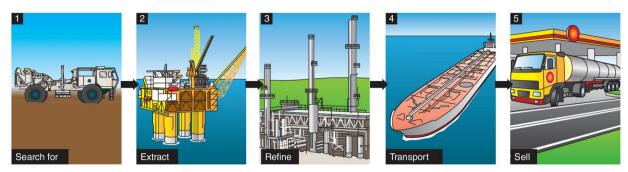




Speaking

- **2** Practise the conversation in pairs.
 - A: What's your name?B: Armando Panganiban.A: Where are you from?B: I'm from the Philippines.
 - A: What do you do? B: I'm a driver.
- **3** Practise in pairs. Ask and answer questions about Ricardo Cabrera, Ali bin Khalid, Jennifer Burgess and Matthew Aondoakaa. Then find a different partner and repeat.

Getting oil to the customer



Matthew Aondoakaa

Vocabulary 2 Complete the table.

Name	Job	Work location
Armando Panganiban		
Ricardo Cabrera	roustabout	
Ali bin Khalid		refinery
Jennifer Burgess	radio operator	
Matthew Aondoakaa		

- **3** Are these sentences true (T) or false (F)?
 - 1 Armando is a driver. He drives a road tanker. T/F
 - 2 Matthew works on an oil rig. T/F
 - 3 Ricardo is a roustabout. T/F
 - 4 Ali is an engineer at a refinery. T/F
 - 5 Jennifer is a radio operator on an oil rig. T/F

Language

We use the present simple to ta	I/You/We/They work on an oil rig / at the refinery / in Nigeria.					
out something that is always or ally true.	He/She works on an oil rig / at the refinery / in Nigeria.					
resent simple of be						
esent simple of be						
	I am a driver.					
he present simple of be is regular.	I am a driver. You/We / They are a driver / drivers.					

4 Talk about your classmates. *Richard Smith is from Alaska. He's a driver. He works in ...*

Spelling

The alphabet
A, H, J, K
B, C, D, E, G, P, T, V, Z (American English)
F, L, M, N, S, X, Z (British English)
I, Y
O
Q, U, W
R

- 2 Listen and fill in the missing letters.
 - 1 <u>e n g i n e e</u> r
 - 2 __e_t__
 - 3 ___i__r
 - 4 __u_t_b__t
 - 5 _e___e_y
 - $6 \quad \underline{\hspace{0.1cm}} l \quad \underline{\hspace{0.1cm}} g$
 - 7 __n__r
- 3 Deg 06 Listen and read.
 - 1 A: Hello. My name's Cabrera. That's C-A-B-R-E-R-A.
 - B: Thank you.
 - 2 A: Panganiban.
 - B: How do you spell that?
 - A: It's Panganiban. P-A-N-G-A-N-I-B-A-N.
 - B: Thank you.
 - 3 A: Matthew Aondoakaa.
 - B: Pardon?
 - A: Aondoakaa. That's A-O-N-D-O-A-K-double A.
 - B: Thank you.
- 4 07 Underline the items you hear.

PPE API KV RPM VDU CO USA UAE TSR

- **Speaking** 5 Practise in pairs. Ask and answer questions like those below. Then change partners and repeat.
 - A: What's your name?
 - B: Smith.
 - A: How do you spell that?
 - B: S-M-I-T-H.
 - A: Thank you.

Jobs

Reading 1 Read about different crews. Match the texts to the pictures of the jobs.









- 1 I work on a supertanker. We have a crew of 25. We live on the ship. The captain's in charge. We transport the oil. ${\cal D}$
- 2 Here is my crew. We live and work on an oil rig. The driller is in charge. He's the boss. We extract the oil. I'm a roustabout.
- 3 Our crew is small. We have a surveyor and three seismic operators. We search for oil. We work in the countryside.
- 4 The refinery is big. I work in the control room. I supervise the control room operators so I'm the supervisor. We control the refinery. We refine the oil.

Listening 2 Listen and write down the words you hear.

1 We <u>transport</u>	the oil.
2 We	the oil.
3 We	for oil.
4 We	the oil.
5 I work on a	
6 We work on an	,
7 We work in the	
8 We work in the	
9 I'm the	·
10 I'm the	
11 I'm a	
12 I'm a	operator.
13 I'm a	
14 I'm a	operator

Speaking 3 Practise in pairs. Talk about the pictures. Don't read the texts. *This man works in the refinery control room. He supervises*

Introducing yourself and others

Listening 1 Listen to and read the conversations.

Conversation 1

John: Hi. Welcome to the crew. My

name's John. I'm the driller, so I'm

in charge of this crew.

Ahmed: Thanks. I'm Ahmed.

John: This is Harry. And that's Martin.

They're roughnecks.

Ahmed: Excuse me. Roughnecks?

John: Roughnecks. They do all the

general jobs.

Ahmed: Oh, OK.

Conversation 2

Sayed: Hello. I'm Sayed. I'm the new

control room operator.

Brian: Oh, good to see you, Sayed. I'm

Brian. I'm the supervisor. This is Frank. He's an operator, too.

Sayed: Hi, Frank. Frank: Hello, Sayed.

Conversation 3

Manuel: Hi. I'm looking for Fred. I'm

Manuel.

Fred: Hi. I'm Fred. Are you the new

radio operator?

Manuel: Yes, that's right.

Fred: Oh, good. Come with me. I'll show

you the radio room.

Conversation 4

Antonio: Hello. My name's Antonio.

Chris: Pardon? Antonio: Antonio.

Chris: Hi, Antonio. I'm Chris. Are you the

new surveyor?

Antonio: Yes, that's right. Antonio Rivaldi. Chris: Good to meet you. I'm a surveyor,

too.

Roughneck? → What is a roughneck?

Pardon? → Please repeat.

Read the conversations again. What is the difference between the words in red and the words in blue in Conversation 1? Find similar phrases in Conversations 2, 3 and 4.

Language

3 Read the conversations above again. Underline the questions.

Speaking

4 Practise in pairs. Ask and answer questions about Harry, Martin, Sayed, Brian, Frank, Manuel, Fred, Antonio and Chris.

What **does** he do?

→ What's his job?

A: Where does John work?

B: He works on an oil rig.

A: What does he do?

B: He's a driller.

Health and safety: Personal protective equipment (PPE)

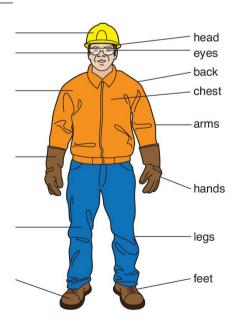
1 Look at these pictures. Say the words.



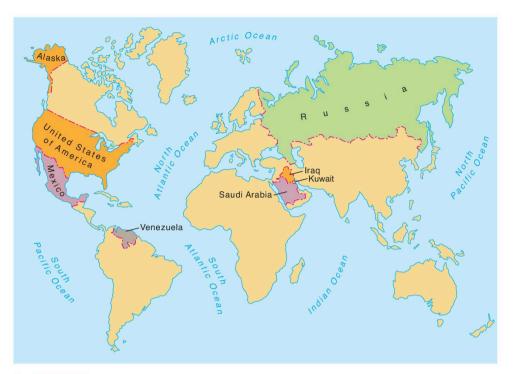
- Listening
 - ▶ 10 Listen and write the correct number next to the pictures above.
 - Listen and write down the PPE items you hear.

1	ear protectors
)	
2	-
3	·
1	
_	

- Speaking
- 4 Look at the picture and label the PPE items. Then practise in pairs. Ask and answer questions about PPE items.
 - A: What does a helmet protect?
 - B: It protects the head.
 - A: What do gloves protect?
 - B: They protect the hands.



Oil fields



Listening 1 Listen and mark the stress. Then repeat.

- 1 Vene<u>zue</u>la
- 2 Mexico
- 3 USA
- 4 Saudi Arabia
- 5 Kuwait
- 6 Alaska
- 7 Iraq
- 8 Russia
- 2 13 Listen. Match the oil fields to the countries or state.

Oil fields **Countries or state** Samotlor a) Venezuela 1 Prudhoe Bay b) Mexico 3 East Texas c) USA Cantarell d) Saudi Arabia Greater Burgan e) Kuwait Rumaila f) Alaska Ghawar g) Iraq **Bolivar Coastal** h) Russia

Speaking 3 Practise in pairs. Test yourselves. Then find a new partner and repeat.

- A: Where is Ghawar?
- B: I think Ghawar is in Saudi Arabia.
- A: Where is East Texas?
- B: I'm sure East Texas is in the USA.

10

Review

Writing

1 Use *what* or *where* to complete the questions.

1	Where	do you work?	5		's your name?
2		do you do?	6	-	are you from?
3		s my helmet?	7		does he do?
4		s a roughneck?			

2 Label the pictures with the words in the box.

extract search for refine sell transport











1 ..*sell*

2

3 5

Find the names of six more countries and one state.

g	j	g	е	у	a	е	d	k	С	V
m	е	х	i	С	0	r	f	u	V	е
t	h	Ĭ	d	х	S	g	С	W	р	n
h	u	0	f	r	а	b	r	а	х	е
k	s	р	s	z	ı	n	u	i	1	z
V	а	1	i	r	а	q	s	t	k	u
С	g	j	g	i	s	m	S	u	у	е
а	е	а	h	0	k	k	i	h	j	Ι
s	а	u	d	i	a	r	a	b	i	a

- 4 Complete the texts. Then go to page 7 to check your answers.
 - 1 I work on a super (1) <u>tanker</u> . We have a crew of 25. We live on the (2) ______ . The Captain's (3) _____ charge. We transport the oil.
 - 2 The refinery is big. I work in the control (4) ______. I supervise the control room operators. I'm a (5) ______. We control the refinery. We refine the (6) ______.
- **5** Write down five of each of these.
 - 1 PPE items
 - 2 parts of the body
 - 3 jobs in the oil industry
 - 4 things about yourself