



UNIT	TITLE	CONTENTS	LANGUAGE AND SKILLS
Introduction	My job and workplace	<ul style="list-style-type: none"> • A metalworking firm • Welcoming a visitor • Describing metalworking jobs 	<ul style="list-style-type: none"> • Greetings and introductions • Saying goodbye • Talking about yourself and your company
1	Working with hand-held tools	<ul style="list-style-type: none"> • Tools and their functions • A technical drawing • Screws and screwdrivers 	<ul style="list-style-type: none"> • Identifying tools and describing their function • Identifying and correcting mistakes • Writing an order
2	Working with machine tools	<ul style="list-style-type: none"> • Lathe tools and turning operations • A milling machine • Measuring instruments 	<ul style="list-style-type: none"> • Saying and writing numbers in English • Clarifying and solving problems with an order • Writing a summary
3	Producing an assembly group	<ul style="list-style-type: none"> • A production schedule • A parts list • Fixing devices 	<ul style="list-style-type: none"> • Describing production processes • A telephone conversation • Coping with difficult technical texts
4	Maintenance of a lathe	<ul style="list-style-type: none"> • Lubrication • Environmental regulations • Circuit diagrams 	<ul style="list-style-type: none"> • Writing a report • Telephoning • Finding information in a technical text

I CAN ... (1)

5	Producing a Stirling engine	<ul style="list-style-type: none"> • Basic principles of a Stirling engine • An organizational chart • Producing an estimate 	<ul style="list-style-type: none"> • Showing someone around a building/firm • Querying an estimate
6	Assembling components	<ul style="list-style-type: none"> • Radial bearings • Tolerances and fits • Assembly plan of a gripper • Warranty terms 	<ul style="list-style-type: none"> • Understanding technical symbols and diagrams • Comparing technical data • Placing an order by telephone • Making a complaint
7	Installing controlling systems	<ul style="list-style-type: none"> • Installation of a pneumatic system • Pneumatics and hydraulics • Safety signs and safety rules 	<ul style="list-style-type: none"> • Understanding installation instructions • Comparing hydraulic and pneumatic systems • Problem-solving
8	High-speed cutting	<ul style="list-style-type: none"> • conventional machining • CNC machining • Troubleshooting problems 	<ul style="list-style-type: none"> • Talking to a customer • Working with an operating manual

I CAN ... (2)

9	Connecting the Robobox	<ul style="list-style-type: none"> • A problem in Bangkok • Travelling around Bangkok • Troubleshooting 	<ul style="list-style-type: none"> • Modernizing a packaging system • Filling out a form • Giving and understanding directions
10	A ballpoint pen assembly system	<ul style="list-style-type: none"> • A new assembly system • A report • The spring disentangler 	<ul style="list-style-type: none"> • Materials • Describing an automatic process • Calling a hotline service
11	Quality control and safety at work	<ul style="list-style-type: none"> • A quality control problem • Industrial safety • An accident 	<ul style="list-style-type: none"> • Talking about quality • Describing injuries • Mediation: Talking to a doctor
12	Applying for a job	<ul style="list-style-type: none"> • Testing materials • Letters of application • A curriculum vitae 	<ul style="list-style-type: none"> • Describing graphs • Applying for a job • Preparing for an interview

I CAN ... (3)

13	Automation systems	<ul style="list-style-type: none"> • Planning a system • Choosing the right controller 	<ul style="list-style-type: none"> • Finding information in technical texts • Giving a presentation • Translating technical terms
14	Planning and realizing a project	<ul style="list-style-type: none"> • A construction team • A Work Breakdown Structure • Constructing an oat crusher 	<ul style="list-style-type: none"> • Describing geometric shapes • Describing a technical system • Assessing a presentation
15	Optimizing a technical system	<ul style="list-style-type: none"> • Improving the design • The Final Time Schedule • An Internet auction 	<ul style="list-style-type: none"> • Assessing alternative technical solutions • Evaluating a planning phase • Using a specialist chat room

I CAN ... (4)



LEARNING STRATEGIES AND GRAMMAR	EXTRA MATERIAL	PAGE
		6
<ul style="list-style-type: none"> • Wie Sie beim Hören mehr verstehen • Plural nouns • Simple present and present progressive 	Maintenance and cleaning	11
<ul style="list-style-type: none"> • Wie Sie mit Mediation umgehen • Simple past and present perfect 	Oral mediation: Helping a customer	20
<ul style="list-style-type: none"> • Wie Sie schwierige Fachtexte lesen • Future forms: <i>going to</i> and <i>will</i> 	Mediation: A report	30
<ul style="list-style-type: none"> • Forming questions 	Safety rules for working with electricity	39
		48
<ul style="list-style-type: none"> • The passive • Numbers and mathematical operations 	Mediation: A summary	50
<ul style="list-style-type: none"> • How to write formal and informal e-mails 	A letter of complaint	60
<ul style="list-style-type: none"> • Wie man Fachvokabeln mit Hilfe des Internets übersetzt • Modal verbs 	Comparing hydraulic and pneumatic tools	68
<ul style="list-style-type: none"> • Gruppengespräche auf Englisch führen 	Spoken mediation: At a trade fair	77
		86
<ul style="list-style-type: none"> • <i>If</i>-sentences types 1 and 2 • How to say e-mail addresses • How to say telephone numbers 	Understanding a technical text: Stretch wrapper	88
	Language for marketing and advertising	98
<ul style="list-style-type: none"> • Adjectives and adverbs 	Filling in an accident report	106
<ul style="list-style-type: none"> • The <i>-ing</i> form and the infinitive 	Evaluating an interview	113
		126
<ul style="list-style-type: none"> • Wie kann ich mein Hörverständnis verbessern? • Wie kann ich mein Englisch verbessern? 	Ordering food in a restaurant	128
<ul style="list-style-type: none"> • Comparative and superlative forms of adjectives and adverbs 	Understanding a user's guide and warranty conditions	137
<ul style="list-style-type: none"> • Question tags with the verb <i>be</i> • Wie lese ich einen schwierigen Text? 	A riding holiday in Scotland	145
		153
ANHANG		
Pairwork files	154	
Basic word list	162	
Unit word list	167	
A-Z word list	190	Talking about measurements
Basic technical vocabulary		206
German – English	204	Common irregular verbs
Talking about numbers	205	207
		Acknowledgements
		208