

Becker Müller

# Electricity now!

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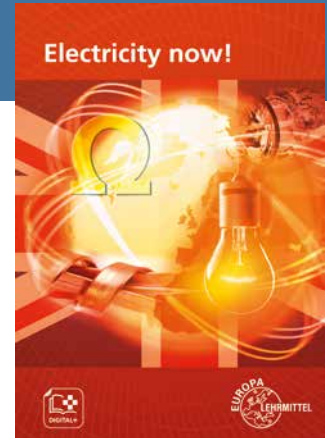
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# Vorwort



## Inhalte

Das Buch „Electricity now!“ ist ein englisches Lehrwerk für Elektroberufe. In 32 übersichtlichen Kapiteln wird jeweils ein beruflich relevanter Themenbereich der Elektrotechnik behandelt. Texte, Hörbeispiele und zahlreiche Abbildungen wecken in Verbindung mit abwechslungsreichen Aktivitäten Interesse am Erschließen des jeweiligen Themas. Durch die Verwendung von authentischen Materialien und Original-Herstellerunterlagen wird ein lebhafter Bezug zur Arbeitswelt der Lernenden hergestellt. Vokabellisten auf den jeweiligen Seiten erleichtern den Zugang zu den Texten und Materialien.

Für die Arbeit mit „Electricity now!“ werden Englischkenntnisse vorausgesetzt. Vermittelt wird nicht die englische Grammatik, sondern praxisrelevante Kenntnisse für den Unterricht an beruflichen Schulen, für bilinguale Unterrichtsmodule oder für die Fort- und Weiterbildung in elektrotechnischen Bildungsgängen.

## Zielgruppe

Autoren und Verlag empfehlen „Electricity now!“ als Fachbuch für Auszubildende im Elektrohandwerk und in der Elektroindustrie. Auch in der Berufsfachschule Elektrotechnik und in der Weiterbildung ist „Electricity now!“ eine wertvolle Ergänzung. Das Lehrbuch motiviert darüber hinaus Lernende aller verwandten Bildungsgänge, sich in der Fremdsprache mit elektrotechnischen Inhalten vertraut zu machen – daher ist es auch für Mechatroniker, Versorger oder Informationstechniker als Ergänzung geeignet. Durch die einzelnen, thematisch abgegrenzten Kapitel kann für jede Zielgruppe das relevante Thema ausgewählt und modulartig bearbeitet werden. Es werden Aktivitäten auf den Niveaustufen A2–B2 angeboten. Laborversuche in englischer Sprache unterstützen die bilinguale praktische Arbeit.

## Die Autoren

Beide Autoren unterrichten seit vielen Jahren die Fächer Elektrotechnik und Englisch an Berufskollegs. Ihre jahrelange Erfahrung fließt in dieses Lehrwerk ein und führt zu einem praxisnahen Buch, das erprobte Übungen mit relevanten Materialien verbindet.

## Medienpaket

Im Preis von „Electricity now!“ ist gratis ein Medienpaket bestehend aus Abbildungen und Hörbeispielen enthalten. Wie Sie Zugang zu diesem Medienpaket erhalten, erfahren Sie auf der Umschlaginnenseite. Um anschließend die Bilder und Audiodateien zu verwenden, müssen Sie in der EUROPATHEK eingeloggt sein.

Zu den Hörbeispielen gelangen Sie in der Online-Version der EUROPATHEK bequem per QR-Code. Scannen Sie einfach den Code mit der Kamera Ihres Smartphones und die entsprechende Webseite wird im Browser geöffnet. Alternativ können Sie auch direkt im Browser Ihres Rechners, Tablets oder Smartphones den Shortlink eingeben. Wenn Sie mit der Offline-Version arbeiten, öffnen Sie das Medienpaket in Ihrer EUROPATHEK-App und wählen die entsprechende Nummer des Hörbeispiels.



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# 1 My Company

Your boss tells you that from next week a new electrician from Ireland will be working with you. As you want to welcome him properly and introduce him to your company on his first day, you decide to prepare by reading company profiles of electrical companies on the internet. Here is one that might be quite useful:



The image shows a browser window displaying the website for Jack Miller Electric. The browser's address bar shows the URL [www.jack-miller-electric.net](http://www.jack-miller-electric.net). The website features a yellow logo with a lightning bolt and the text "Jack Miller ELECTRIC". The main content area is titled "COMPANY PROFILE" and contains several sections of text and a photograph.

## COMPANY PROFILE

*Jack Miller Electric* is a medium-sized family business offering a variety of electrical services. We employ 15 skilled electricians, 3 master craftsmen, 5 apprentices and 3 unskilled workers. In our offices, two secretaries organise schedules and look after all the paperwork.

Jack Miller has run the company for 5 years now. Before, he worked with a big contractor in the area. When his father John Miller decided to retire, Jack took over and is now continuing to meet the needs and expectations of all the company's customers: private households as well as small and medium-sized businesses. Supported by a fantastic, reliable team Jack Miller is able to provide fast and professional work, including an emergency customer service 24/7 whenever immediate help is needed.

### Mission

This is what Jack says himself: "It has always been our mission to achieve customer satisfaction and provide excellent workmanship from start to completion of a project. In order to understand the needs and expectations of our customers, we take great care to work and communicate with every customer in a professional manner. Our excellent reputation is based on service, safety and quality, regardless of how large or small the job."



### Services

- Wiring of new buildings
- Rewiring of older buildings
- Repair of circuits and household appliances
- Installation and maintenance of alarm systems
- Smart home applications
- Renewable energy solutions

## Activity 1 Text comprehension

Lesen Sie die Website in Abbildung 1 auf Seite 8 sorgfältig durch. Bearbeiten Sie dann die Aufgaben unten in deutscher Sprache.

- Führen Sie auf, wie viele Personen im technischen Bereich der Firma *Jack Miller Electric* arbeiten. Welche Ausbildung haben sie jeweils?
- Beschreiben Sie die Aufgaben der Büromitarbeiter der Firma.
- Fassen Sie zusammen, was Sie über den Lebenslauf des Inhabers *Jack Miller* und über dessen Vater *John* erfahren.
- Welche Dienstleistungen und Arbeiten bietet die Firma ihren Kunden?
- Übersetzen Sie die „Mission“, also die Firmenphilosophie, ins Deutsche.

medium-sized business	mittelständisches Unternehmen
skilled worker	Geselle
master craftsman	Meister
apprentice	Auszubildener
contractor	Unternehmer
needs and expectations	Bedürfnisse und Erwartungen
24/7	24 Stunden an 7 Tagen die Woche
to achieve	erreichen
reputation	Ruf, Ansehen
to wire	verdrahten, verkabeln
circuit	Stromkreis, Schaltung
maintenance	Wartung, Instandhaltung
solution	Lösung

## Activity 2 Listening



After having learned a lot of words to describe your company you also want to be ready to introduce yourself to the new work mate. On the internet you find a podcast that helps you to find the right words.

Listen to *Jimmy's* introduction and translate the following German words and expressions:

- Berufsausbildung
- einen Vertrag unterschreiben
- Berufsschule
- Beruf
- Angestellter / Mitarbeiter
- Handwerkskammer
- ausbilden
- Gehalt
- Gesellenprüfung

## Activity 3 Dialogue writing

Together with a partner write a dialogue in which you introduce yourself and your company to Peter from Ireland. Your new colleague also asks questions that you answer.

Translate the parts below into English and fill in the missing parts with information about the company you work for:

- A:** Hallo, guten Morgen!
- B:** Guten Morgen! Du musst Peter aus Irland sein, schön Dich kennenzulernen.
- A:** Ja, ich bin Peter. Ich werde jetzt bei euch arbeiten.
- B:** Herzlich willkommen, ich bin Auszubildender und ich möchte Dir unsere Firma vorstellen. Hier arbeiten ... Personen. [Bitte erklären Sie, wie viele Personen mit welcher Ausbildung in Ihrem Betrieb arbeiten.]



**A:** Was macht die Firma hauptsächlich?

**B:** Wir bieten viele Arbeiten an, hauptsächlich ... [Beschreiben Sie ausführlich, was Ihre Firma hauptsächlich macht. Nennen Sie ein Beispiel.]

**A:** Das ist ja interessant. In Irland lernt man den Beruf in der Berufsschule, das dauert ein Jahr. Danach arbeitet man dann in einem Betrieb. Während der Ausbildung an der Schule sind wir nicht in einem Betrieb.

**B:** [Erklären Sie, wann und wie oft Sie in die Berufsschule gehen.]

**A:** Heißt das, dass Du während der Ausbildung schon Geld verdienst?

**B:** [Erzählen Sie Jimmy, wie viel Sie in welchem Ausbildungsjahr verdienen.]

**A:** Das ist ja cool! Oh, ist das euer Chef?

**B:** Ja, das ist ... [Ergänzen Sie den Namen Ihres Chefs.]. Komm, ich stelle euch vor!

## Activity 4 Online support

Your company offers a 24/7 emergency service. As you have already learned a lot, you were asked to be on standby this weekend. Different customers send you emails, asking for help. It is your task to give advice.

Write an answer to each of the following requests. Explain to the customers what they can do to solve their problems. Use the wordbox for some helpful vocabulary.

**Sender: Ms Elenor Smith**

Dear electrician!

I have a big problem. This morning, I was in a hurry to catch a train. Thus, I quickly started the washing machine and the dishwasher and left the house. When I came home, the electricity had gone and I could not even switch on the lights anymore. What can I do?

**Sender: Mrs Jane Fisher**

Hello emergency team!

I am sending this from my mobile phone as I have a power problem with my PC. I really need to do some work this weekend and now, the PC doesn't start. There's nothing, not even a blinking LED!! What do you advise me to do? This is really urgent, thank you so much for a fast reply.

Kind regards, J. Fisher

fuse	Sicherung
loose connection	Wackelkontakt
to replace	auswechseln
to switch on/off	ein/ausschalten
to pull the plug	den Stecker ziehen
flat battery	leere Batterie
Mr	Herr (Anrede männlich)
Mrs	Frau (Anrede weiblich, verheiratet)
Ms	Frau (Anrede weiblich, neutral)
Kind regards	Mit freundlichen Grüßen
Dear ...	Liebe/r ..., Sehr geehrte/r ...

**Sender: Mr David Baxter**

Dear Service Team,

I hope you can help me. I need to drill a couple of holes into the wall. When I first started drilling everything went ok. But then somehow the drilling was interrupted. It went on and off all the time. Do you have any idea what the problem might be?