University of Costa Rica
Master's Program in TEFL
English for Industrial Engineers: Effective Communication
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Pre-Task 2

English for Industrial Engineers: Effective Communication

Handout 3

JOB POSITIONS FOR INDUSTRIAL ENGINEERS

Instructions: A) Read the descriptions of common job positions that industrial engineers can have. Match the jobs with their corresponding definitions. Drag and drop the numbers in the circles.

1 Industrial engineering professor	2 Energy efficiency engineer	3 Quality assurance inspector
4 Occupational health and safety manager	5 Manufacturing technician	6 Manufacturing production supervisor

You ensure quality production standards in manufacturing plants and factories. You use your manufacturing equipment and machinery knowledge to calibrate and manually manipulate them following production needs. You also keep production logs and complete basic maintenance on equipment as needed.

You work in factories or manufacturing plants to inspect product quality before you ship products to warehouses or retail locations. You monitor the production process and select random products for testing. You also maintain quality assurance records to determine whether current manufacturing procedures work correctly.

You usually have an extensive professional background, which qualifies you to instruct industrial engineering students. You're responsible for developing lesson plans, grading assignments, and helping your students get professional experience through internships or placement opportunities.

You oversee the daily operations of one or more production floors within a manufacturing plant. You delegate production tasks among employees, review production records and determine how to calibrate equipment for quality production results.

You conduct energy audits and assist their clients in adjusting to more energy-efficient systems. You usually collaborate with commercial or residential builders, manufacturing plants and industrial sites to help them reduce their energy waste. You also help install or upgrade energy systems in accordance with a client's budget.

You work at construction sites, manufacturing plants and other industrial sites to establish safety procedures. You determine potential risk factors for an industrial site based on the machinery and processes involved. From this, you develop plans to minimize health and safety risks. You also conduct employee safety training to understand how to operate equipment and react to hazardous situations.

Instructions: B) Each group member should choose one of the previous job positions and discuss how their strengths and weaknesses match with that job.

USEFUL LANGUAGE

- I think / believe the definition of manufacturing technician is...
- Please drag and drop number 4
- Do you agree?
- Yes, I agree / No, I disagree
- The best job position to me is manufacturing productions supervisor because I have leadership skills but I lack experience

LIVEWORKSHEETS