

Questionnaire on Chinese Engineering Practitioners

1. What is your type of work?

- A. Civil engineering
- B. Electronic engineering
- C. Hydraulic engineering
- D. Chemical engineering
- E. Mechanical engineering
- F. Materials engineering
- G. Marine engineering
- H. Environmental microbial engineering.
- I. Biological engineering
- J. Others, please be specific _____

2. How long have you engaged in engineering-related work?

_____Years

3. Did you choose your employer according to your own will or others' expectations (e.g. parents', relatives', friends' and teachers')?

- A. I chose my employer independently
- B. I chose my employer according to others' expectations
- C. I chose my employer according to both my own will and others' expectations

4. What is the biggest benefit your work brings to you?

- A. High social status
- B. High income
- C. A sense of pride
- D. Enhancing Competence
- E. Others, please be specific _____

5. Do you like the work you are doing now?

- A. I hate my work.
- B. I am neutral.
- C. I moderately like it.
- D. I like it very much.

6. Do you have the occupational title of an engineer?

- A. I do not have any occupational title of an engineer
- B. Assistant engineer
- C. Engineer
- D. Senior engineer
- E. Professor-level senior engineer
- F. Research senior engineer
- G. Other engineering title, please be specific _____

7. How well do you know the engineer registration system for practicing qualifications?

- A. Never heard of it
- B. Know a little
- C. Know moderately well
- D. Know very well

8. How well do you know an association or society of engineers?

- A. Never heard of one
- B. Know a little
- C. Know moderately well
- D. Know very well

9. Are you a member of an association or society of engineers?

- A. Yes
- B. No

10. What is your salary range (pre-tax average monthly salary)?

- A. 0-4999 Yuan
- B. 5000-9999 Yuan
- C. 10000-14999 Yuan
- D. 15000-19999 Yuan
- E. 20000-24999 Yuan

F. 25000-29999 Yuan

G. \geq 30000 Yuan

11. How satisfied are you with current salary?

A. Very dissatisfied

B. Dissatisfied

C. Neutral

D. Satisfied

E. Very satisfied

12. Do you like being *called* an engineer?

A. I hate being called an engineer.

B. I don't care one way or the other.

C. I moderately like it.

D. I like it very much.

13. Do you like *saying* you are an engineer?

A. I hate saying I am an engineer.

B. I don't care one way or the other.

C. I moderately like it.

D. I like it very much.

14. Why did you answer the question 13 the way you did?

15. What do you think the social status of Chinese engineers is at present?

- A. Lower class
- B. Lower middle class
- C. Solidly middle class
- D. Upper middle class
- E. Others, please be specific _____

16. What do you think is the primary function that engineers routinely perform?

- A. Designing
- B. Building
- C. Inspecting
- D. Writing regulations
- E. Managing
- F. Others, please be specific _____

17. What is the primary focus of your work?

- A. Safety
- B. Efficiency
- C. Reliability
- D. Cost
- E. Beauty
- F. Other, please be specific _____

18. What do you think is the greatest achievement of an engineer?

- A. Getting promoted
- B. Increasing Income
- C. Helping to improve material condition of humanity
- D. Contributing to technological innovation
- E. Other, please be specific _____

19. How well do you know the engineers' code of ethics?

- A. Never heard of it
- B. Know a little
- C. Know moderately well
- D. Know very well

20. Engineers should follow technical standards (the ones engineers share).

- A. Strongly disagree
- B. Disagree
- C. Undecided
- D. Agree
- E. Strongly Agree

21. Why did you answer the question 20 the way you did?

22. Do you actually follow engineers' *technical* standards in your work?

- A. Never
- B. Rarely
- C. Sometimes
- D. Most of the time
- E. Always

23. Engineers *should* follow standards of conduct (the ones engineers share).

- A. Strongly disagree
- B. Disagree
- C. Undecided
- D. Agree
- E. Strongly Agree

24. Why did you answer the question 23 the way you did?

25. Do you actually follow engineers' standards of *conduct* in your work?

- A. Never
- B. Rarely
- C. Sometimes
- D. Most of the time

E. Always

26. Do you care whether other engineers follow technical standards and standards of conduct (the ones engineers share)?

A. I don't care at all

B. I don't much care

C. I care somewhat

D. I care very much

27. Why did you answer the question 26 the way you did?

28. Your knowledge is good enough for the work you do.

A. Strongly disagree

B. Disagree

C. Undecided

D. Agree

E. Strongly Agree

29. Your skill is good enough for the work you do.

A. Strongly disagree

B. Disagree

C. Undecided

D. Agree

E. Strongly Agree

30. Your judgment is good enough for the work you do.

A. Strongly disagree

B. Disagree

C. Undecided

D. Agree

E. Strongly Agree

31. What do you think is the biggest difference between engineers and other technologists?

A. Knowledge

B. Skill

C. Judgment

D. Technical standards

E. Standards of conduct

F. Others, please be specific _____

32. What do you think is the primary social function of engineering?

A. Promoting technological innovation

B. Improving the material condition of humanity

C. Promoting social justice

D. Other, please be specific _____

33. The development of engineering technology should take ethical factors into consideration (e.g. environment friendly, respect for people).

A. Strongly disagree

B. Disagree

C. Undecided

D. Agree

E. Strongly Agree

Demographics

1. What is your year of birth?

_____ Year

2. What is your gender?

A. Male

B. Female

C. Other

3. What is the highest degree of education you have had?

A. Less than a Bachelor's degree

B. Bachelor's degree

C. Master's degree

D. PhD degree

4. What is the type of your study this semester?

A. Full-time

B. Part-time

5. Where is your workplace located?

_____ Province _____ City