**Questionnaire Survey on the Occupational Cognitive Status of Chinese Engineers**

**（ graduate from engineering degree ）**

1. What is your age?

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Frequency | Percent |
| Valid | age 21-30 | 26 | 36.6 |
| age 31-40 | 37 | 52.1 |
| age41-50 | 8 | 11.3 |
| age ≥51 | 0 | 0.0 |
| Total | 71 | 100.0 |

1. What is your gender?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Male | 58 | 81.7 |
| Female | 13 | 18.3 |
| Total | 71 | 100.0 |

1. What is your degree of education?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | College degree and under | 20 | 28.2 |
| Bachelor degree | 37 | 52.1 |
| Master degree | 12 | 16.9 |
| PhD degree | 2 | 2.8 |
| Total | 71 | 100.0 |

1. Are you an engineering graduate?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Yes | 71 | 100.0 |
| No | 0 | 0 |
| Total | 71 | 100.0 |

1. Do you think yourself can be called an “engineer”?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Yes | 53 | 74.6 |
| No | 18 | 25.4 |
| Total | 71 | 100.0 |

1. How long have you worked as an engineer?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Under 2 years | 6 | 8.5 |
| 2 to 5 years | 21 | 29.6 |
| 5 to 10 years | 19 | 26.8 |
| Over 10 years | 25 | 35.2 |
| Total | 71 | 100.0 |

1. Do you have the professional and technical titles of engineer?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | No professional title | 24 | 33.8 |
| Assistant engineer | 13 | 18.3 |
| Engineer | 26 | 36.6 |
| Senior engineer | 8 | 11.3 |
| Total | 71 | 100.0 |

1. What is your type of work?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Civil engineering | 18 | 25.4 |
| Mechanical engineering | 14 | 19.7 |
| Electronic engineering | 10 | 14.1 |
| Hydraulic engineering | 1 | 1.4 |
| Chemical engineering | 4 | 5.6 |
| Other types | 24 | 33.8 |
| Total | 71 | 100.0 |

1. What is your salary rang (average monthly salary, before taxes)?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Under 5000 yuan | 20 | 28.2 |
| 5000 to 10000 yuan | 41 | 57.7 |
| 10000 to 15000 yuan | 8 | 11.3 |
| 15000 to 20000 yuan | 2 | 2.8 |
| Total | 71 | 100.0 |

1. How are you satisfied with current income?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Dissatisfied | 34 | 47.9 |
| Generally satisfied | 31 | 43.7 |
| Somewhat Satisfied | 6 | 8.4 |
| Total | 71 | 100.0 |

1. How much do you know about the Engineer Registration and Certification System and other regulatory frameworks?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Never heard | 14 | 19.7 |
| Know a little | 42 | 59.2 |
| Basically understand | 14 | 19.7 |
| Know all about | 1 | 1.4 |
| Total | 71 | 100.0 |

1. How much do you know about the Association of Professional Engineers?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Never heard | 43 | 60.6 |
| Know a little | 22 | 31.0 |
| Basically understand | 6 | 8.4 |
| Total | 71 | 100.0 |

1. How much do you know about the engineers’ ethics codes and ethical principles?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Never heard | 45 | 63.4 |
| Know a little | 18 | 25.4 |
| Basically understand | 8 | 11.3 |
| Total | 71 | 100.0 |

1. What do you think about the social status of Chinese engineers at present?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Lower class | 8 | 11.3 |
| Middle and lower class | 41 | 57.7 |
| Middle class | 21 | 29.6 |
| Upper middle class | 1 | 1.4 |
| Total | 71 | 100.0 |

1. Do you think the development of engineering technology should take ethical factors into consideration such as environment, morality, etc?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Not required | 1 | 1.4 |
| Generally required | 8 | 11.3 |
| Required | 46 | 64.8 |
| Really required | 16 | 22.5 |
| Total | 71 | 100.0 |

1. Do you think the current ecological environment pollution and other issues are related to the development of engineering technology?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | No relation | 5 | 7.0 |
| Indirect relation | 40 | 56.3 |
| Direct relation | 26 | 36.7 |
| Total | 71 | 100.0 |

1. Do you think the current ecological environment pollution and other issues are related to the professional ethics of engineers?

|  |  | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | No relation | 9 | 12.7 |
| Indirect relation | 51 | 71.8 |
| Direct relation | 11 | 15.5 |
| Total | 71 | 100.0 |

1. Are you passionate in this profession----engineer?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Dislike | 3 | 4.2 |
| Generally like | 33 | 46.5 |
| Like | 30 | 42.3 |
| Really like | 5 | 7.0 |
| Total | 71 | 100.0 |

1. How much do you throw yourself into engineering work?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Generally engagement | 12 | 16.9 |
| Engagement | 50 | 70.4 |
| Fully engagement | 9 | 12.7 |
| Total | 71 | 100.0 |

1. How about your daily working status?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Relaxed | 1 | 1.4 |
| Normal | 40 | 56.3 |
| Work hard | 22 | 31.0 |
| Overworked | 8 | 11.3 |
| Total | 71 | 100.0 |

1. What do you think the social identity degree of engineers?

|  | | Frequency | Percent |
| --- | --- | --- | --- |
| Valid | Not identified | 4 | 5.6 |
| Generally identified | 43 | 60.6 |
| Identified | 21 | 29.6 |
| Fully Identified | 3 | 4.2 |
| Total | 71 | 100.0 |