

Dear Members,

## **IEM EMPLOYMENT SURVEY 2009**

This survey seeks to obtain information pertaining to the employment situation, remuneration & job satisfaction of engineers. This time we have also added a few questions pertaining to nuclear power. It is felt that these are appropriate in consideration that the government is embarking on the nuclear option. Lady Engineers are strongly encouraged to provide your feedback via the questions as provided by the Lady Engineers Sub-Committee.

Please spare some time to complete this questionnaire and mail it to reach IEM by **12 December 2009**. Also, do encourage fellow engineers to participate in this survey and make their views felt. Kindly fax to: 03-7957 7678 or mail it to Chairperson, IEM Employment Survey 2009 Sub-Committee, The Institution of Engineers, Malaysia, Bangunan Ingenieur, Lots 60 & 62, Jalan 52/4, 46720 Petaling Jaya, Selangor for our further action.

We thank you for your participation to help make this survey a SUCCESS and appreciate your cooperation, effort and time in completing the questionnaire. We anticipate to report on the findings of this survey by **April, 2010**.

In appreciation of your time and effort, IEM has kindly agreed that respondents can claim an IEM Training Centre (IEM-TC) discount voucher worth RM10.00 for attending activities organised by IEM-TC. Kindly provide the name and membership details in the form below.

Thank you,  
IEM Employment Survey Sub-Committee

### **IMPORTANT NOTE**

The data provided on this form are intended to be used for the IEM Employment Survey only.

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#### **Membership details for claiming IEM-TC voucher.**

*(Kindly tick (✓) the following)*

- No, thank you. I prefer to remain anonymous.
- Thank you. I wish to claim the RM10.00 IEM-TC voucher.

Name: \_\_\_\_\_ IEM Membership No: \_\_\_\_\_

*Please (✓) the answer appropriate to each question;*

**(For official use only)**

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#### **PERSONAL INFORMATION**

1. IEM membership grade	<input type="checkbox"/> Hon. Fellow <input type="checkbox"/> Fellow	<input type="checkbox"/> Member	<input type="checkbox"/> Graduate
2. Registration with the Board of Engineers Malaysia	<input type="checkbox"/> Professional Eng.	<input type="checkbox"/> Graduate Eng.	<input type="checkbox"/> None
3. Age	<input style="width: 40px; height: 15px;" type="text"/> Years		
4. Gender	<input type="checkbox"/> Male	<input type="checkbox"/> Female	
5. Employment status	<input type="checkbox"/> Self employed <input type="checkbox"/> Partly employed	<input type="checkbox"/> Fully employed <input type="checkbox"/> Retired	<input type="checkbox"/> Unemployed

#### **ENGINEERING QUALIFICATION**

6. What is the highest degree you received?	<input type="checkbox"/> Bachelor <input type="checkbox"/> MBA	<input type="checkbox"/> Master <input type="checkbox"/> Others _____	<input type="checkbox"/> Ph.D.
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7. What is your basic engineering discipline (Bachelor degree level)?	<input type="checkbox"/> Civil/Structural <input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical <input type="checkbox"/> Chemical	<input type="checkbox"/> Electronics <input type="checkbox"/> Others _____
8. Where did you obtain your basic engineering qualification? Name of University?	<input type="checkbox"/> Malaysia _____	<input type="checkbox"/> Overseas _____	<input type="checkbox"/> Twinning _____
9. Are the fundamentals of undergraduates' courses adequate for your work?	<input type="checkbox"/> Adequate	<input type="checkbox"/> Moderately Adequate	<input type="checkbox"/> Inadequate
		<input type="checkbox"/> Grossly Inadequate	<input type="checkbox"/> Not Sure
10. Were communication skills taught as part of your undergraduate curriculum?	<input type="checkbox"/> Yes ; Syllabus - _____		<input type="checkbox"/> No
11. Is Engineering your career of choice?	<input type="checkbox"/> Yes		<input type="checkbox"/> No
12. Why did you choose engineering as your choice? ..... ..... .....			

**EMPLOYMENT DETAILS**

13. Where are you employed currently?	<input type="checkbox"/> Malaysia	<input type="checkbox"/> Overseas
14. Are you working for a Malaysian Firm or a Multinational?	<input type="checkbox"/> Malaysian Firm	<input type="checkbox"/> A Multinational
15. How long did it take after graduation for you to secure a job?	<input type="text"/> months / years	
16. (a) Years of work experience : <input type="text"/> Years	16. (b) Number of companies/organizations since graduation : <input type="text"/>	
17. What is the nature of your current job?	<input type="checkbox"/> Consultancy <input type="checkbox"/> Contracting <input type="checkbox"/> Education/Training	<input type="checkbox"/> Engineering/Technical <input type="checkbox"/> Management <input type="checkbox"/> O & M
		<input type="checkbox"/> Sales/Marketing <input type="checkbox"/> R & D <input type="checkbox"/> Others _____
18. What is your current employment sector?	<input type="checkbox"/> Manufacturing <input type="checkbox"/> Agriculture <input type="checkbox"/> Construction/Properties <input type="checkbox"/> Transportation	<input type="checkbox"/> Govt./Local Authority <input type="checkbox"/> University/College <input type="checkbox"/> Trading/Services <input type="checkbox"/> Infrastructure Projects
		<input type="checkbox"/> Oil & Gas <input type="checkbox"/> Power <input type="checkbox"/> ICT <input type="checkbox"/> Others _____

**REMUNERATION**

19. State your gross annual income in 2008, including basic salary, allowance. ( If you are self-employed, state your annual net earning before tax, less tax-deductible expenses but before deductions of personal, capital or other expenses )	RM <input type="text"/>	Per Year
20. If you are a fresh graduate in 2008, (a). State your starting monthly salary.	RM <input type="text"/>	
and (b). State no. of month(s) before commencement of employment as an engineer.	No. of Months : <input type="text"/>	
21. If you were retrenched in 2008, state in what month and last drawn salary.	Month : <input type="text"/>	RM <input type="text"/>
22. Engineers' salary are reasonable.	Y/N	<input type="text"/>
23. To be competitive, Malaysian companies pay their engineers less.	Y/N	<input type="text"/>

## JOB SATISFACTION

24. How do you perceive your job?

- Very dissatisfied     
  Dissatisfied     
  Not sure     
  Satisfied     
  Very satisfied

25. Do you receive encouragement to attain Professional Engineering status?

- Yes     
  No

26. Do you intend to move away from Engineering?

- Yes     
  No

If 'Yes', what do you intend to do? \_\_\_\_\_

If 'Yes', why do you intend to change? \_\_\_\_\_

27. How do you perceive the quantum of your remuneration?

- Very poor     
  Poor     
  Not sure     
  Good     
  Excellent

## JOB CHARACTERISTICS

28. How would you rate the progression of your career in your organisation?

- |   |                                      |                                   |  |   |
|---|--------------------------------------|-----------------------------------|--|---|
| (a) <input type="checkbox"/> Very challenging | <input type="checkbox"/> Challenging | <input type="checkbox"/> Not sure | <input type="checkbox"/> Not challenging | <input type="checkbox"/> Very unchallenging   |
| (b) <input type="checkbox"/> Very Rewarding   | <input type="checkbox"/> Rewarding   | <input type="checkbox"/> Not sure | <input type="checkbox"/> Unrewarding     | <input type="checkbox"/> Very unrewarding     |
| (c) <input type="checkbox"/> Very Stressful   | <input type="checkbox"/> Stressful   | <input type="checkbox"/> Not sure | <input type="checkbox"/> Non-Stressful   | <input type="checkbox"/> Very Non-Stressful   |
| (b) <input type="checkbox"/> Very Competitive | <input type="checkbox"/> Competitive | <input type="checkbox"/> Not sure | <input type="checkbox"/> Non-Competitive | <input type="checkbox"/> Very Non-Competitive |

29. In view of globalisation, do you have overseas experiences?

- Currently working overseas     
  Worked overseas before     
  Worked on overseas project but stationed in Malaysia     
  No overseas Experiences

30. If you have not worked overseas, would you be prepared to take an overseas position?

- Yes     
  No

## FOR FEMALE ENGINEERS

31. Do you have the confidence to make decisions at meetings or to be able to give instructions at project sites?

- Yes     
  No

32. Are you given the opportunity to handle high profile projects?

- Yes     
  No     
  N/A

33. Have you ever carried out standing supervision at site from a few months to more than a year?  
If yes, have you ever supervised from 8 pm to 8 am?

- Yes     
  No     
  N/A  
 Yes     
  No     
  N/A

34. Do you find it difficult for people (e.g. clients, other professionals in the same project team or contractors) to accept your professional opinion?

- Yes     
  No

35. Do you get feedback from your superiors regarding your performance?

- Positive     
  Negative     
  None

36. Do you consider yourself to be an independent individual, such that for instance you would be able to drive or fly alone from KL to Penang to attend a meeting?

- Yes     
  No

37. Does your superior deprive you of attending any meetings?

- Yes     
  No

38. Have you ever experienced sexual discrimination?

- Yes     
  No

39. If yes, briefly explain the nature of discrimination (i.e. low wages as compared to male colleagues or promotion was by-passed, etc)

.....  
 .....  
 .....

40. Have you ever experienced sexual harassment in the office and/or at site?  Yes  No  
 If yes, briefly explain the incident.  
 .....  
 .....  
 .....

41. Are your professional opinions sometimes not accepted because you're female?  Yes  No

**ISSUES**

Please indicate your views on the issues listed below:

Scale from 1 (strongly disagree) to 10 (strongly agree)

42. University training/syllabuses are outdated, and are thus mismatched with current job requirements.	<input type="text"/>
43. Professional ethics should be taught in universities?	<input type="text"/>
44. Universities should require students to master 1 additional global language besides English so as to improve their job competitiveness.	<input type="text"/>
45. There is a shortage of engineers overall.	<input type="text"/>
46. There is a shortage of engineers in some disciplines.	<input type="text"/>
47. Nuclear power is an appropriate source to replace fast depleting fossil fuel.	<input type="text"/>
48. Nuclear power can be one of the safest options when adequate safety measures are applied and the right processes are used.	<input type="text"/>
49. If given the opportunity, I would gladly participate in the Malaysian nuclear power initiative.	<input type="checkbox"/> Yes <input type="checkbox"/> No
50. Malaysian colleges and universities should offer more courses related to nuclear engineering.	<input type="text"/>
51. IEM should support the nuclear power initiative by having a special interest group on nuclear power.	<input type="text"/>