

**Principles and Practice of Engineering Exam (PE) – October 2017
Application Form**

Offered by the National Council of Examiners of Engineering and Surveying, USA, through Engineering and Science Services at The American University in Cairo, Egypt

Form PE.04: Supervisor Evaluation of the Applicant

This form must be completed by the supervisor for each job

Applicant Name

AUC ID

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Job Details:

No.	Employer	Position/Title	Start Date			End Date			Duration	
			Month	Day	Year	Month	Day	Year	Years	Months

Employer's full address

Employer's phone number

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Employer's email

Supervisor's name

Supervisor's title

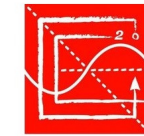
Supervisor's mobile

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Supervisor's email

Certify the following statements:

- I am NOT related to the applicant by blood, marriage or adoption (check here)
- My relation with the applicant has been/is: () Supervisor () Coworker () Associate () Other
 - If not "supervisor," explain the nature of your relationship in the following pages.
- I have personally witnessed and reviewed the work (plans, calculations and/or reports) of the applicant: () Yes () No
 - If "no," explain the nature of your relationship in the following pages.
- We have been working together the entire time the applicant was in this job (check here) OR from _____._____._____ to _____._____._____



According to NCEES Model Rules, this is my evaluation of the applicant's engineering performance:

IMPORTANT NOTE: You are requested to evaluate the points that are relevant to the applicant's work.

I. Practical Application of Theory

1.1 Analysis

Satisfactory

Not yet ready

Operating conditions; performance assessment; feasibility studies; constructability; value engineering; safety; environmental issues; economic issues; risk assessment; reliability; or other

Comments:

1.2 Design

Satisfactory

Not yet ready

Construction plan or specification preparation; product specifications; component selection; maintenance and social implications of final product; or other

Comments:

1.3 Testing

Satisfactory

Not yet ready

Developing or specifying testing procedures; verifying functional specifications; implementing quality control and assurance; maintenance and replacement evaluation; or other

Comments:

1.4 Implementation

Satisfactory

Not yet ready

Engineering principles in design, construction or research; performance of engineering cost studies; process flow and time studies; implementation of quality control and assurance; safety issues; environmental issues; or other

Comments:

1.5 Systems application

Satisfactory

Not yet ready

Evaluation of components of a larger system; evaluation of the reliability of system parts; design and evaluation of equipment control systems while considering ergonomics, utility, manufacturing tolerances and operating and maintenance concerns; the engineering required to establish programs and procedures for the maintenance and management of buildings, bridges and other types of structures where failure or improper operation would endanger public health and safety; or other

Comments:

1.6 Time in the engineering process

Satisfactory

Not yet ready

Difficulties of workflow; scheduling; equipment life; corrosion rates and replacement scheduling; or other

Comments:

1.7 Knowledge and understanding

Satisfactory

Not yet ready

Codes, standards, regulations and laws that govern applicable activities; or other

Comments:

II. Management

Management includes supervising staff, managing engineering projects, and managing and administering technology as it is applied in the field or in construction.

2.1 Planning

Satisfactory

Not yet ready

Developing concepts; evaluating alternative methods

Comments:

2.2 Scheduling

Satisfactory

Not yet ready

Preparing task breakdowns and schedules

Comments:

2.3 Budgeting and contracting

Satisfactory

Not yet ready

Cost estimating and control; contract development

Comments:

2.4 Supervising

Satisfactory

Not yet ready

Organizing human resources; motivating teams; directing and coordinating project resources

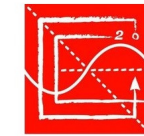
Comments:

2.5 Project control

Complete or partial project control

Comments:

Satisfactory



Not yet ready

2.6 Risk assessment

Assessment of risk associated with the progression of the project

Comments:

Satisfactory

Not yet ready

III. Communication Skills

3.1 Accumulates project knowledge

Through interpersonal communication with supervisors, clients, subordinates or team interaction

Comments:

Satisfactory

Not yet ready

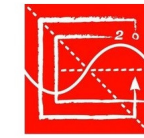
3.2 Transmits project knowledge

In verbal or written methods to clients, supervisors, subordinates, general public or team members. Examples would be via meetings, written reports, public hearings and reporting of findings and suggestions, other written correspondence and/or verbal briefings

Comments:

Satisfactory

Not yet ready



IV. Social Implications

4.1 Promotes and safeguards

Satisfactory

Not yet ready

Promotes and safeguards the health, safety and welfare of the public as demonstrated in daily work activities

Comments:

4.2 Demonstrates awareness

Satisfactory

Not yet ready

Demonstrates an awareness of the consequences the work performed may incur and a desire to mitigate or eliminate any potential negative impact

Comments:

4.3 Follows a code of ethics

Satisfactory

Not yet ready

Promotes a high degree of integrity in the practice of professional engineering

Comments:

I consider the applicant technically qualified to be registered as a professional engineer

(___) Yes

(___) No

I hereby affirm that the information provided in this form is accurate and valid.

Date ____ . ____ . ____

PE stamp/seal (if applicable)

Name and signature _____