

## **AEI Steering Committee - 17-12-12, CAFEO 30, Cambodia**

### **Project Proposal**

#### **ASEAN Engineering Inspector (AEI)**

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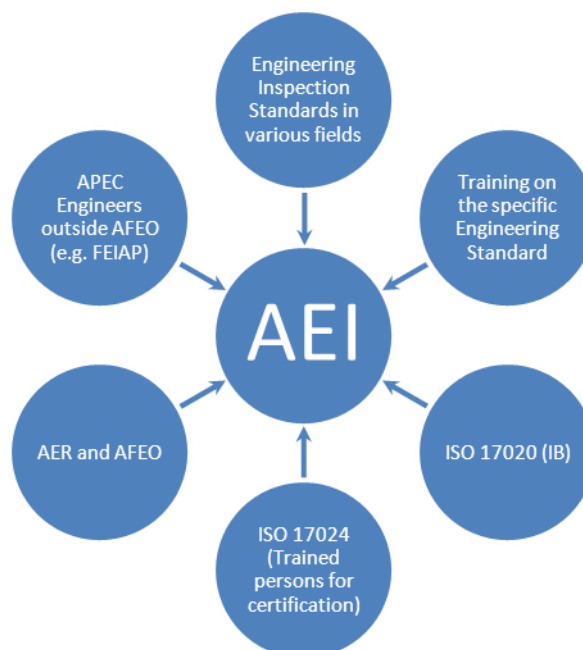
#### **OBJECTIVE**

To certify ASEAN Engineering Inspectors by ASEAN Engineering Registration (AER)

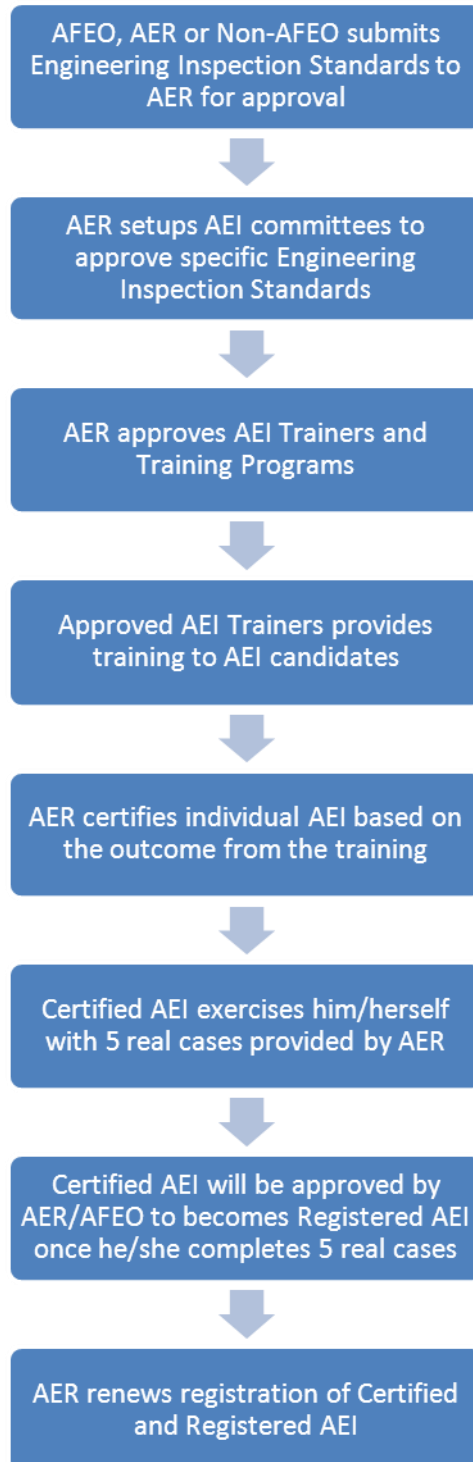
#### **SCOPE**

1. The Engineering Inspection Standards in various Engineering fields must be approved by AFEO Board Committees
2. Engineering Inspector's certificate will be approved and issued by AER
3. The scope could be extended to those countries located outside ASEAN (e.g. APEC Engineers outside AFEO or FEIAP) in the future subjected to the approval of AFEO

#### **AEI MODEL**



## AEI PROCEDURE



## **OUTCOMES**

1. Standardized ASEAN Engineering Inspection Standards
2. ASEAN Engineering Inspectors (AEI)
3. Engineering Inspectors from Non-ASEAN countries
4. National Engineering Inspectors
5. More members for AFEO and AER

## **RESPONSIBLE PERSONS**

1. AER led by EIT
2. AEI committees setup by AER with the approval of AFEO
3. AEI trainers approved by AER
4. Certified AEI approved by AER
5. Registered AEI approved by AER and AFEO
6. Renewal of Certified and Registered AEI approved by AER

## **PROJECT PLAN**

Activity	10	11	12	13	14	15	16	17	18	19	20
Approve AEI project and committee											
AEI standard recognition											
AEI trainers approved by AER											
Training AER and exercising real cases											
AEI certification and registration by AER											

This project has been accepted by AER Commission Meeting in December 2010 at Hanoi, Vietnam and approved by AFEO in December 2011 at Brunei with starting 3 areas :

1. Building Inspection standard hosting TC by EIT , Thailand
2. Boiler Inspection standard hosting TC by PII , Philippines
3. Industrial Electric Equipments Inspection standard hosting TC by IEM , Malaysia

### Note

TC : Technical Committee

8 November 2012

AEI Project of EIT, Thailand.

Dear AER Chair and secretary of Commission of AFEO,

Due to AEI Project (ASEAN Engineering Inspectors) has already been accepted by AER since December 2010 at Hanoi, Vietnam and been approved by AFEO Board since December 2011 at Brunei (CAFEO 29), the meeting requested AEI with 3 areas of Building Inspection, Boiler Inspection and Electrical Equipment Inspection. Then there were 3 group volunteers to be the host TC (Technical Committee) of Inspection Standards. EIT-Thailand volunteered to be the host TC of Building Inspection Standard ; PII, Philippines to be the host TC of Boiler Inspection Standards and IEM, Malaysian to be the host TC of Electrical Equipment Inspection Standard. Each country-host will provide the sample guide procedure of Inspection Standard for discussion with their TC on this coming CAFEO 30 at Cambodia. From your program of CAFEO 30 (16-22 December 2012), AEI WG is scheduled 9-10 am. of Monday 17-12-12, room 3 with 60 persons max. In order to proceed our AEI project as step 1 of the procedure on considering the Inspection Standard, we need you to develop 40 hard copies for our meeting (30 copies for 3 groups of TC another 10 copies for observers) .

Please remind EIT, Thailand ; PII, Philippines and IEM, Malaysia prepare their sample Inspection Standards and also invite other country representatives to prepare theirs in order to discuss among their 3 groups of TC (Please see Template A & B).

Best Regards,

Assoc. Prof. Damrong T.

(Chair of AEI Project, EIT, Thailand)

Template C :

**AEI Committee (AC)**

**Scope : ...ASEAN Engineering Inspectors for monitoring Standards ; Training ; Regulation of  
Certified Inspectors and Experience and term of Registration**

**Agreement Date : ... 17 December 2012**

**Chair of AC : ...**

**(name) (e-mail address) (Eng. Institute)(Country)**

**AC-1 : .....**

**AC-2 : .....**

**AC-3 : .....**

**AC-4 : .....**

**AC-5 : .....**

**AC-6 : .....**

**AC-7 : .....**

**AC-8 : .....**

**AC-9 : .....**

**We all agree with the AEI Regulation :**

- 1) Propose AEI standards (developed by TC) for AER approval**
- 2) Register AEI trainers & training programs (approved by AER)  
according to ASEAN and National criteria as TC agreement**
- 3) Issue certificates for AEI and monitor records of 5 inspected  
real-cases before registered by AER (ISO-17024)**
- 4) AER will perform as Inspection Body which may assign  
representative units as IB accredited with ISO-17020 (regional  
and national recognition)**

- 5) Renew registered AEI every 5 years from AC and approved by AER

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### **Term and Condition :**

- 1) Initial fee 20 US\$ to AER for entering AEI member
- 2) AEI Training fee shall be self payment to AER (plus 10% charge for AER administrative expenses)
- 3) Real case Inspection charge shall be defined in AEI standards (plus 10% charge for AER administrative expenses)
- 4) AER revenue should be shared to contacted units
- 5) All AER revenue and expenses from AEI shall be declared annually to AFEO

**Conclusion of AEI Regulation shall be endorsed by AER meeting on 17-12-2012. After reviewing, AEI Regulation should be approved and reported during December 2013 in CAFEO 31, Indonesia.**