



**Illumination Engineering Society  
of South Africa  
Accredited Lighting Practitioner  
Application Criteria**

**Council Notice 1 of 2020**

**Date: 01 September 2020**

## DOCUMENT CONTROL

### REVISIONS

Revision #	Date	Change Overview	Prepared by	Reviewed by
00	05/02/2019	First Issue	A. Cremer	B. Smidt-Hart
01	31/08/2020	Second Issue	B. Smidt-Hart	A. Cremer

### APPROVAL

<b>Director 1 Name:</b>		
<b>Director 1 Signature:</b>		<b>Date:</b>
<b>Director 2 Name:</b>		
<b>Director 2 Signature:</b>		<b>Date:</b>
<b>Director 3 Name:</b>		
<b>Director 3 Signature:</b>		<b>Date:</b>

### ISSUE REGISTER

Distribution List	Date Issued	Number of Copies
IESSA Members:		1
Council:		1
Directors:		1
Library for Archive (electronic & hard copy):		1

Documents are issued electronically unless indicated otherwise.

The information within this document is and shall remain the property of **IESSA**.

## TABLE OF CONTENTS

---

	<b>PAGE(S)</b>
1 Definitions .....	3
2 Executive Summary .....	3
3 Objectives .....	4
4 Application Criteria .....	4
5 Evaluation of Applications .....	6
6 Rules of Conduct: Ethics .....	7
7 Administrative .....	8
8 Repeal of Registration Requirements .....	8
9 Short Title .....	8

## 1 DEFINITIONS

---

In this *Accredited Lighting Practitioner Application Criteria* document, any expression or word that has been defined in the *IESSA Constitution* and *Code of Conduct* has that meaning, and unless the context otherwise indicates:

- a) **“business undertaking”** means any business enterprise or entity, joint venture, consortium, association or any such organisation or entity;
- b) **“Council”** refers to the Board of Directors and Advisory Committee of the *Illumination Engineering Society of South Africa* as defined in the *Constitution, Section 5 - Management*;
- c) **“Code of Conduct”** means the IESSA Code of Conduct, as approved by the Directors;
- d) **“IESSA”** is the reference to the name of the body, the *Illumination Engineering Society of South Africa*,
- e) **“information”** means illumination related documents and data produced or relied upon by the Registered Person in the performance of work that form a material part of the related works’ records, including competent person or similar appointments, design calculation, simulations, modelling, reports, material or product schedules, photometrics data, drawings, test reports and certificates and inspection certificates, whether electronic format or otherwise;
- f) **“illumination work”** means the process of applying illumination and scientific principles (based on sound understanding of standards and regulations), concepts, contextual and illumination knowledge to the research, planning, design, implementation and management of work in both the natural and built environments;
- g) **“Registered Persons”** means persons registered in terms of the Constitution, holding a MEMBER (MIESSA) status or higher and have received accreditation as an IESSA lighting practitioner;
- h) **“the Constitution”** means the IESSA Constitution, as approved at the annual general meeting; and
- i) **“work”** means any illumination related work normally carried out by Registered Persons in the practice of their profession.

## 2 EXECUTIVE SUMMARY

---

- a) The Illumination Engineering Society of South Africa (IESSA) makes known that it has under *Section 4.6, Accredited Lighting Practitioner (ALP) of the IESSA Constitution*, defined the *Application Criteria* in this document, pertaining to an Accredited Lighting Practitioner.
- b) This document shall be referred to as the *Accredited Lighting Practitioner Application Criteria*. All prior revisions of this document are void and that the latest revision of this document and contents contained herein shall come into operation with immediate effect.
- c) Every IESSA member is required to order their conduct in their individual and business orientated professional activities in line with the *IESSA Constitution* and the *Code of Conduct*.
- d) An IESSA member shall only receive accreditation as an IESSA lighting practitioner upon fulfilling and adhering to the *Accredited Lighting Practitioner Application Criteria*.



- e) Registered persons are required to uphold the spirit of the *IESSA Constitution and Code of Conduct* so as to preserve the confidence of the community in the integrity and judgment of IESSA and on behalf of the Illuminating Industry.

### 3 OBJECTIVES

---

The objectives of the *Accredited Lighting Practitioner Application Criteria* are to ensure that Registered Persons, in the execution of their work:

- a) Do not prejudice public health and safety;
- b) Apply their knowledge and skill in the interests of the public and the environment;
- c) Respect the interests of the public and honour the standing of the profession;
- d) Maintain high standards of objectivity and integrity in their professional work;
- e) Execute their work with integrity and in accordance with generally accepted norms of professional conduct;
- f) Strive to improve their professional skills and those of their subordinates, so as to keep up to date in their knowledge and application of this knowledge in the areas of illumination in which they practice;
- g) Encourage excellence within the illumination profession;
- h) Exercise scientific caution and regard for the limits of present knowledge in their professional reporting avoiding exaggeration, sensationalism and superficiality;
- i) Accept the obligation to disseminate their special knowledge of illumination by means of publication and the technical meetings of the Society, and in doing so to acknowledge any others who have contributed to the information presented;
- j) Refrain from adverse public comment or criticism of the views, services or conduct of a professional colleague, unless the person's activity endangers the rights or well-being of others;
- k) Not lay false claim to professional qualifications, affiliations, characteristics or capabilities for themselves or for their organisations; and
- l) Not allow their names to be used in connection with their services in such a way as to misrepresent the nature and efficiency of these services.

### 4 APPLICATION CRITERIA

---

Application for registration as an Accredited Lighting Practitioner will be considered only if the following criteria are fulfilled:

- a) The individual membership requirements, as stated under **Section 4.5.4**, in the *IESSA Constitution*;
- b) Completed application form and assignment;
- c) Certified copies of Certificates, ID / Passport, Signed Affidavit;

- d) Submission of requested documentation; and
- e) Shall have obtained and complied with these minimum prescribed illumination engineering competencies by:
  - i. Attending the prescribed IESSA presented illumination related courses to obtain lighting practitioner accreditation, whereby the applicant has:
    - a. Passed all prescribed courses listed in 4 e) i b. below with a proficiency of 70% or higher.
    - b. Attended the prescribed courses:
      - i. Module 1: Lighting Concepts, Vision, Lamps and Colour (standard);
      - ii. Module 2: Interior Lighting;
      - iii. Module 3: Exterior Lighting;
      - iv. Module 4: Quality Assurance - Public Framework;
      - v. Module 5: Photometry;
      - vi. Module 6: Lighting for Energy Efficiency in Industry;
      - vii. Module 7: Lighting for Roads & Precincts;
      - viii. Module 8: RELUX Lighting Design;
      - ix. Module 9: Retail & Shop Lighting; and
      - x. Module 10: Advanced LED Technology.
  - ii. OR, having obtained and maintained international illumination practitioner accreditation, or have obtained tertiary degrees or diplomas in the field of illumination no further than ten (10) years ago AND shall have at least five (5) years unbroken relevant experience in the lighting industry. The applicant shall submit a certified copy of all credentials, schedule of continued experience, including any relevant supporting document. Note that all foreign documentation should have a translated English copy appended for submission and review.
  - iii. OR, having at least ten (10) years unbroken relevant experience in the lighting industry and have attended alternative or prior illumination courses that occurred no further than ten (10) years ago AND passed all courses with a proficiency of 70% or higher. AND that the summation of the duration of and credits for these courses amount to at least 200 hours and 20 CPD points. The applicant shall submit a schedule of the courses attended along with copies of certification for each course attended.

AND Applicants duly undertake to:

- f) Abide by all the provisions of the *IESSA Constitution* and any Rules published thereunder, including the *Code of Conduct*;
- g) Abide by all the provisions of the *IESSA Rules: Continuing Professional Development and Renewal of Registration*;

- h) Declare that **Sections 4.15, 4.16 and 4.17** of the *IESSEA Constitution* does not preclude the applicant from registration; and
- i) Solemnly declare that, to the best of their knowledge, all the information contained in the application is true.

## 5 EVALUATION OF APPLICATIONS

- a) The applicant’s application for registration as an Accredited Lighting Practitioner, irrespective of practitioner specialisation, shall be accompanied with a complete assignment, to evaluate the applicant’s lighting and illumination engineering experience, ability and competency.
- b) Failure to submit or fulfil the requirements of the application of the assignment shall result in the applicant’s application submission being forfeited.
- c) Upon receipt of an Accredited Lighting Practitioner application, IESSA shall review the submission for completeness. Should it not be complete, the application shall be forfeited, and the applicant duly notified.
- d) The wholly complete submission shall undergo an evaluation by at least three (3) IESSA nominated evaluators.
- e) The evaluation of the application and the assignment shall be based on the following minimum criteria set in **Table 1** below and meet the requirements of IESSA and to uphold the *IESSEA Constitution, IESSA Code of Conduct* and the objectives of the *Accredited Lighting Practitioner Application Criteria*.

Table 1: Criteria for application and assignment evaluation

SUBJECT	Exceptionally high quality of work with sound innovative thinking	Fully meeting the normally high standards of lighting	Adequate, but occasionally requiring amendments	Frequently requiring amendments requiring guidance	Experience to be developed further
Objective of each assignment task					
Information base used					
Method of problem analysis					
Method of arriving at a solution					
Criteria used in evaluation					
Handling of hazards and/or environmental aspects					
Lighting engineering judgement					
Problem solving ability per assignment task					



SUBJECT	Exceptionally high quality of work with sound innovative thinking	Fully meeting the normally high standards of lighting	Adequate, but occasionally requiring amendments	Frequently requiring amendments requiring guidance	Experience to be developed further
Overall problem solving ability					
Application of lighting principles					
Compliance with regulations					
Communication: Accurate, brief and clear?					
Acceptance of responsibility					
Professional conduct					
Completion of courses relevant to your profession					

- f) The evaluation of the applicant’s submission shall be finalised no sooner than six (6) months and no later than twelve (12) months. Should the evaluation extend beyond six (6) months, the applicant shall be duly notified.
- g) Once the evaluation is finalised, the applicant shall be contacted and notified accordingly of a successful or unsuccessful application submission.
- h) The finalised evaluation shall be final and shall not be open to dispute by an applicant.
- i) An application is defined as successful when the summation of all three evaluations yield a result whereby all the listed criteria are at least “Fully meeting the normally high standards of lighting”. The application shall be considered unsuccessful otherwise.
- j) Should the submitted application be unsuccessful, the applicant shall be provided with an evaluation feedback report or correspondence. The applicant should comply with the evaluation feedback prior to resubmitting a new application for evaluation and consideration for approval.

## 6 RULES OF CONDUCT: ETHICS

- a) Registered persons in fulfilling the objectives contemplated in **clause 3, Objectives**, above must comply with the *IESSA Constitution* and the **Rules** contained within the *Code of Conduct*.



## 7 ADMINISTRATIVE

---

- a) Registered persons shall conform to continuing professional development and renewal of registration by:
  - i. Renewing their accreditation every three (3) years, beginning from the date of being registered.
  - ii. Proving continued involvement in the lighting industry within the three (3) year cycle, by:
    - a. The attainment of ten (10) Continual Professional Development CPD points as prescribed in the *IESSA Rules: Continuing Professional Development and Renewal of Registration* document; and
    - b. The attendance of at least two (2) IESSA Congresses per 3 year cycle.
  - iii. Ensuring that their IESSA membership and ALP subscription fees are annually paid in full.
- b) Should an IESSA membership be terminated, or an IESSA membership fees fall in arrears or the member fails to renew registration and does not continue professional development:
  - i. The member's accreditation as a lighting practitioner shall be revoked immediately and shall be duly notified by IESSA; and
  - ii. The member shall be required to re-apply for an Accredited Lighting Practitioner and shall be required to submit a new application.

## 8 REPEAL OF REGISTRATION REQUIREMENTS

---

- a) No previous application criteria to repeal.

## 9 SHORT TITLE

---

- a) This document is called the Accredited Lighting Practitioner Application Criteria.