Recognition of Prior Learning (RPL) – Pathways to Professional Development

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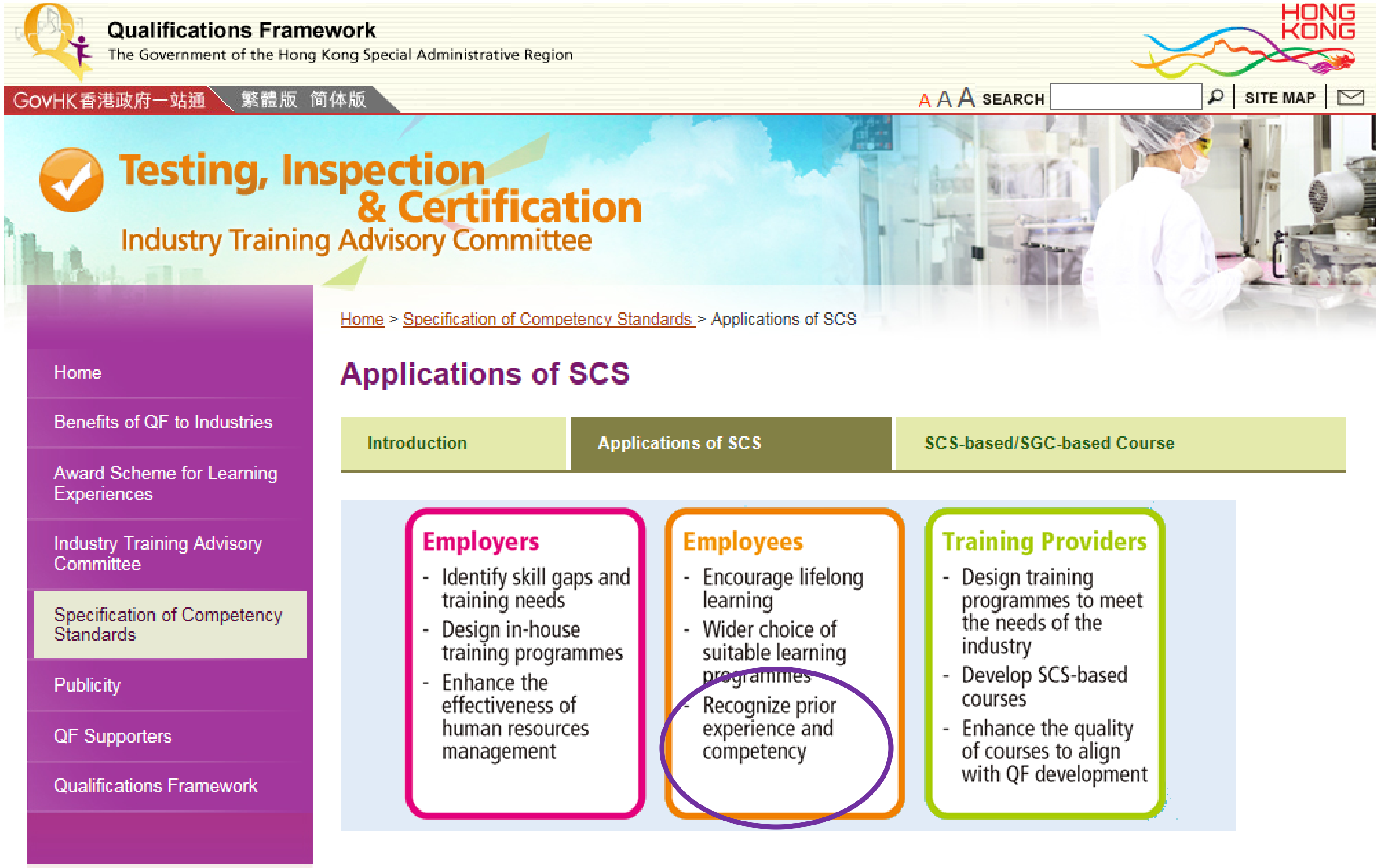
RPL Assessment Agency for
Testing, Inspection and Certification Industry
School of Science and Technology, The Open University of Hong Kong

Recognition of Prior Learning (RPL)

- Enable employees of various backgrounds to receive formal **recognition of the knowledge, skills and experience** that were already acquired.

Specification of Competency Standards (能力標準說明)

- Developed by Industry Training Advisory Committee (ITAC)


Qualifications Framework
The Government of the Hong Kong Special Administrative Region
HONG KONG
GovHK香港政府一站通
繁體版 简体版
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Testing, Inspection & Certification
Industry Training Advisory Committee
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Applications of SCS
SCS-based/SGC-based Course

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Applications of SCS

Employers
- Identify skill gaps and training needs
- Design in-house training programmes
- Enhance the effectiveness of human resources management

Employees
- Encourage lifelong learning
- Wider choice of suitable learning programmes
- Recognize prior experience and competency

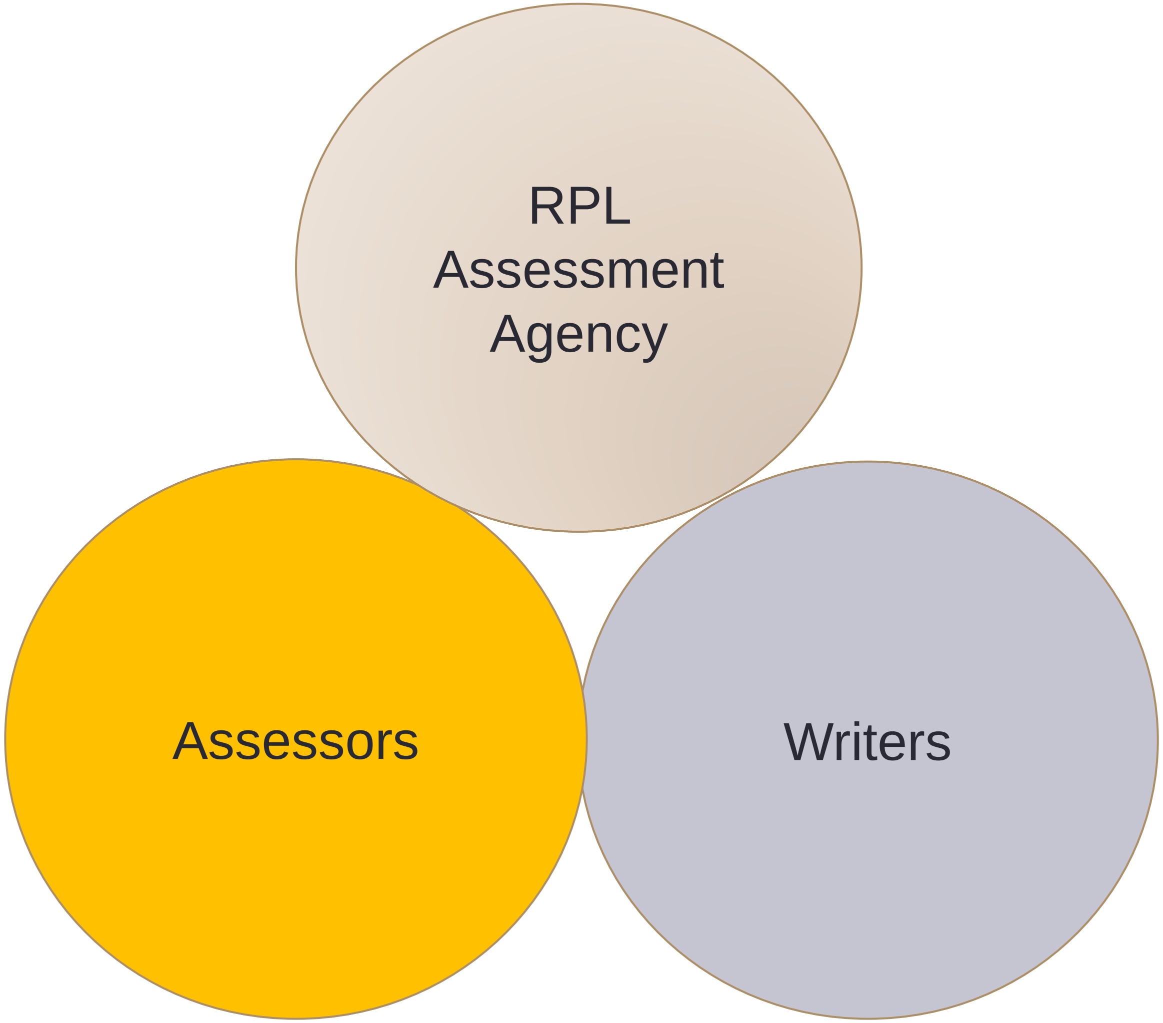
Training Providers
- Design training programmes to meet the needs of the industry
- Develop SCS-based courses
- Enhance the quality of courses to align with QF development

Unit of Competency (UoC)

1. Title	Perform sampling and basic field tests on fresh concrete and on-site curing on concrete cubes
2. Code	105846L3
3. Range	This unit of competency (UoC) covers the abilities to carry out **sampling** and basic **field tests** on fresh concrete and on-site curing on concrete cubes by following prescribed procedures and record reliable test data at testing sites.
4. Level	**3**
5. Credit	**2**
6. Competency	**6.1. Performance Requirements** Possess knowledge and procedures of carrying out sampling and field tests on **fresh concrete** • Describe **sampling methods** for fresh concrete, casting and curing concrete specimens and identify the requirements of sample conditions. • Command the **principles and operation** of equipment and apparatus used for field tests, e.g. slump cone, flow table, flow cone, cube mould, tamping rod, thermometer…….

6. Competency (to be continued)	**6.2 Perform field sampling and tests on fresh concrete** • Perform site sampling according to **specified requirements**, e.g. sampling frequency, selection of samples, minimum sample size. • Follow appropriate **test methods** and apply testing equipment according to the prescribed procedures…… **6.3 Exhibit professionalism** • Ensure **integrity** and **confidentiality** of **test data** by observing the relevant code of conduct……
7. Assessment Criteria	**The integrated outcome requirements of this UoC are the abilities to:** • carry out basic sampling and field tests on fresh concrete by applying appropriate testing equipment according to the prescribed procedures, • perform on-site curing of concrete cubes and monitor site curing facilities, • record and document reliable test data by checking the calibration status of equipment …..

Recognition of Prior Learning (RPL) Assessment



RPL Assessment Agency

Assessors

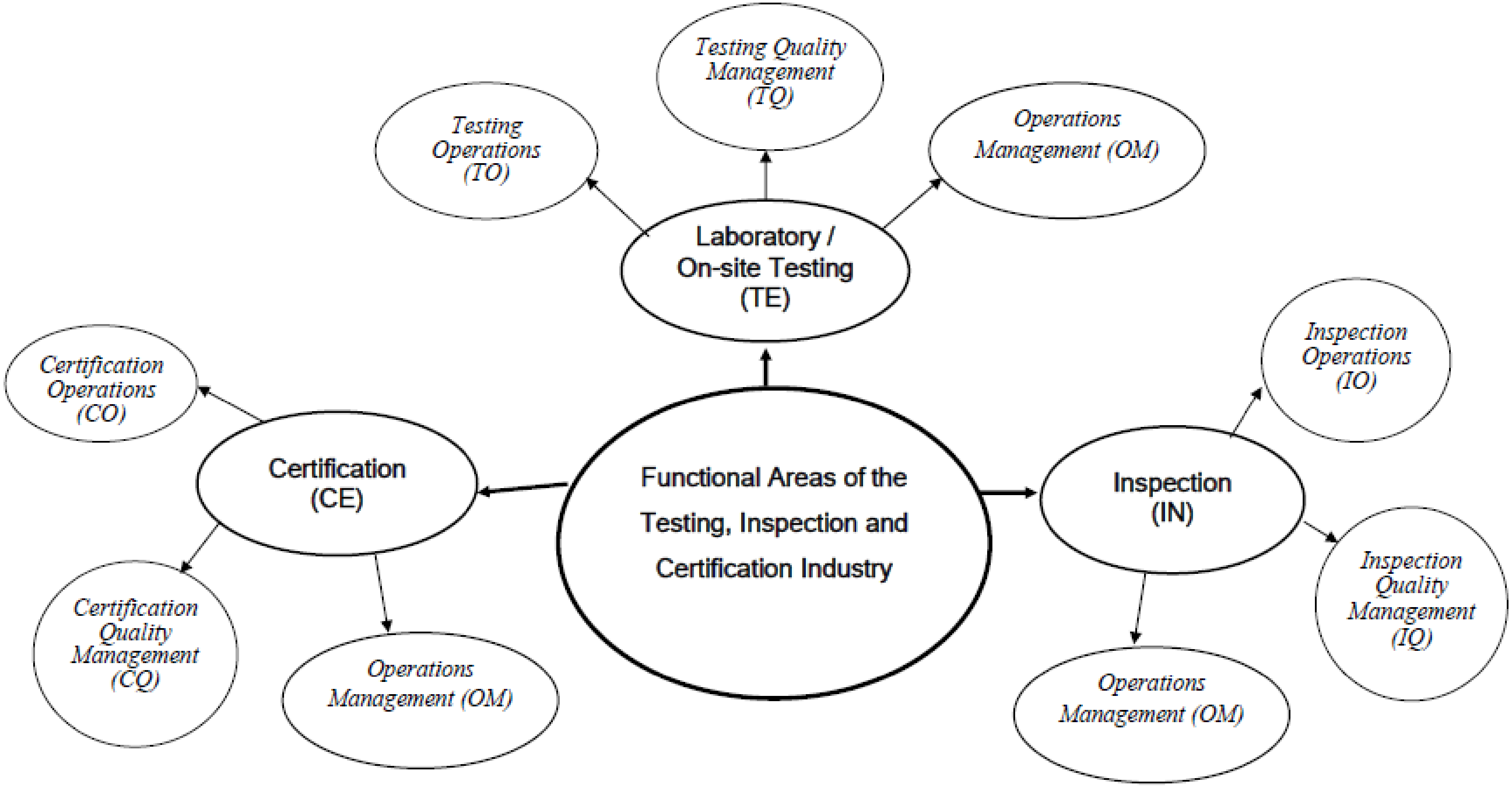
Writers

Appointed Assessment Agency of RPL

Industry	Appointed Assessment Agency
Testing, Inspection & Certification	School of Science and Technology, The Open University of Hong Kong

「過往資歷認可」評估機構
Assessment Agency for Recognition of Prior Learning (RPL)

Functional Areas of the Testing, Inspection and Certification Industry



Functional Areas of the Testing, Inspection and Certification Industry

Laboratory / On-site Testing (TE)

Testing Operations (TO)

Testing Quality Management (TQ)

Operations Management (OM)

Certification (CE)

Certification Operations (CO)

Certification Quality Management (CQ)

Operations Management (OM)

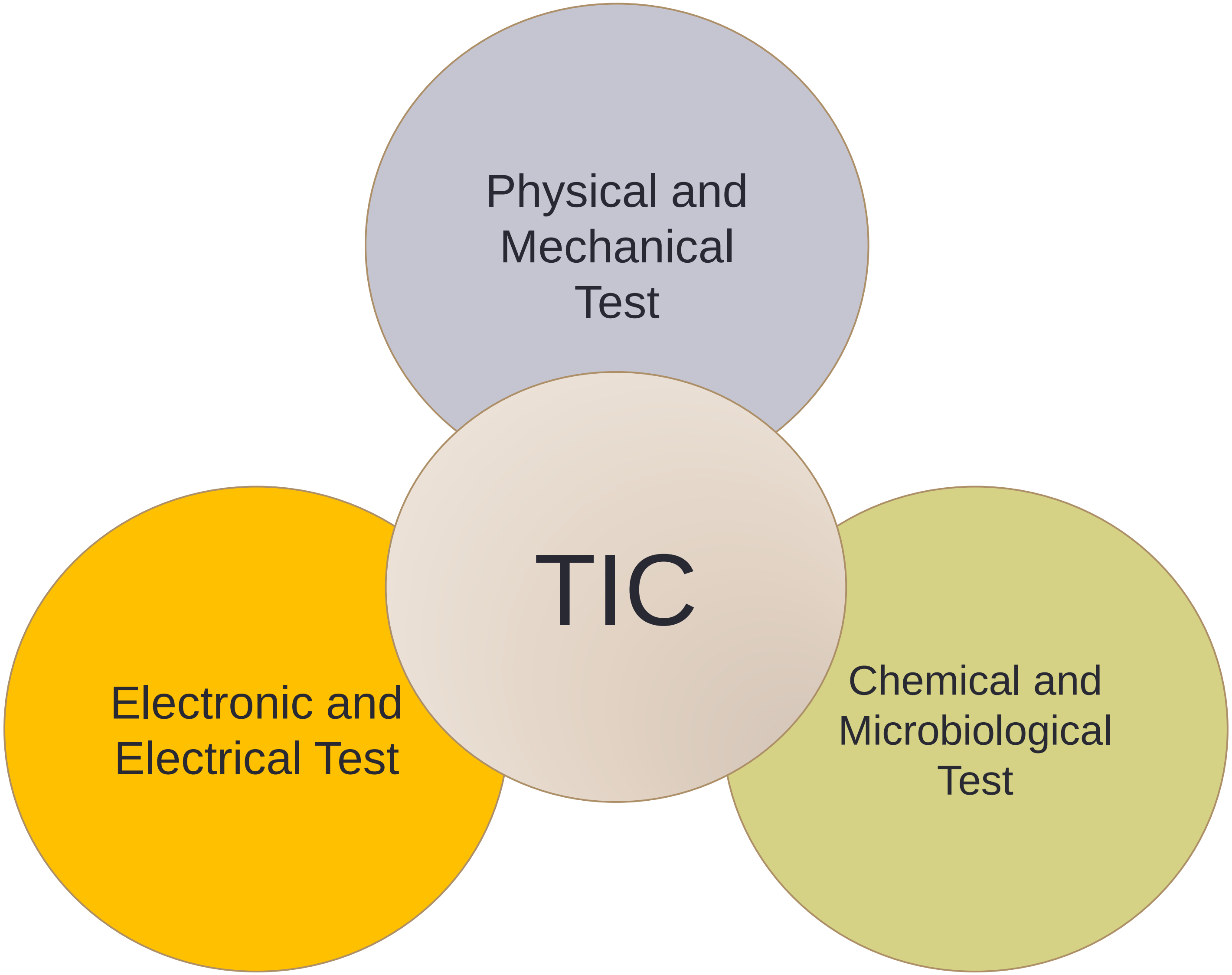
Inspection (IN)

Inspection Operations (IO)

Inspection Quality Management (IQ)

Operations Management (OM)

Categories of the Testing



Physical and Mechanical Test

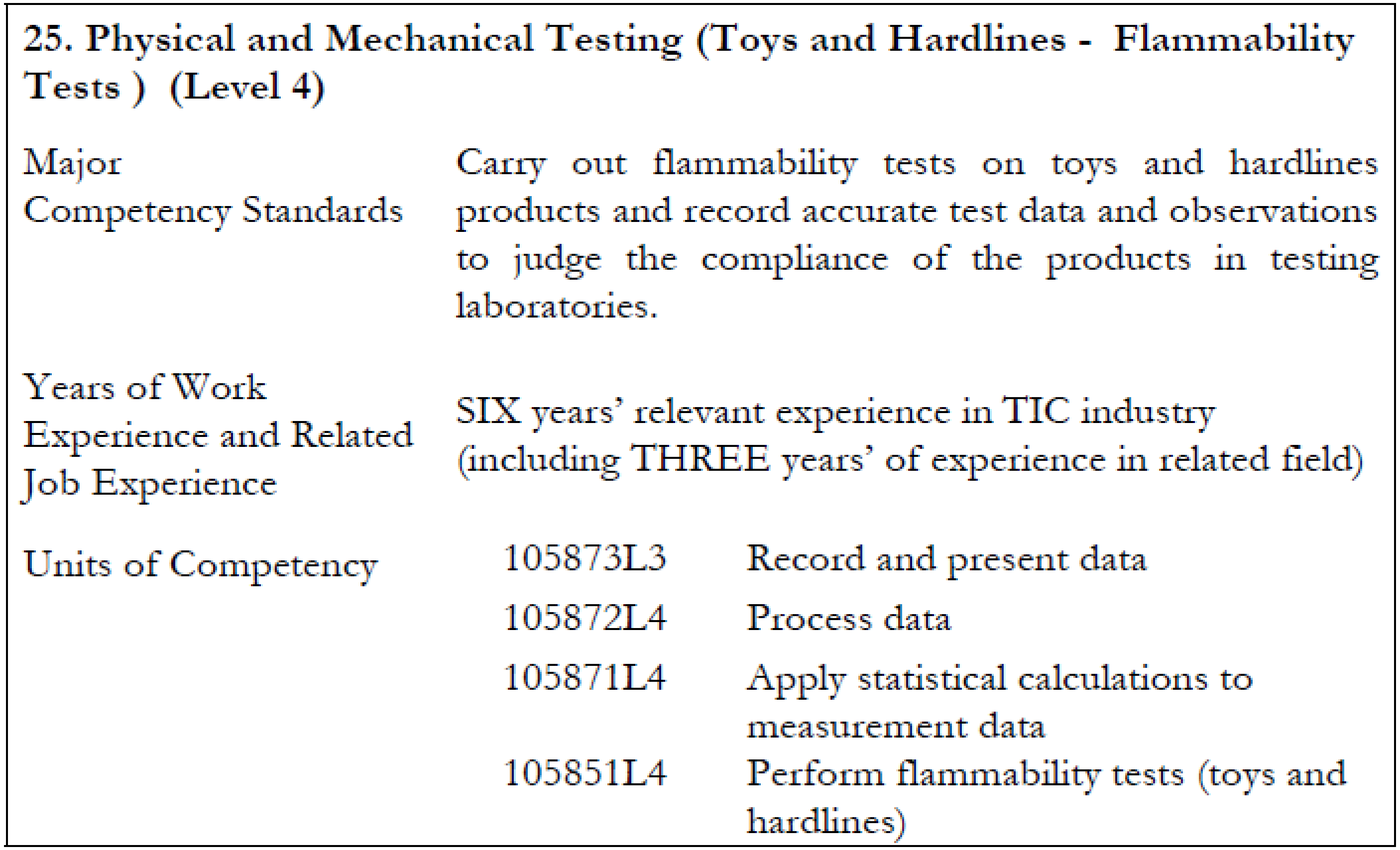
TIC

Electronic and Electrical Test

Chemical and Microbiological Test

RPL Clusters (過往資歷認可能力單元組合)

Total : 51 Clusters

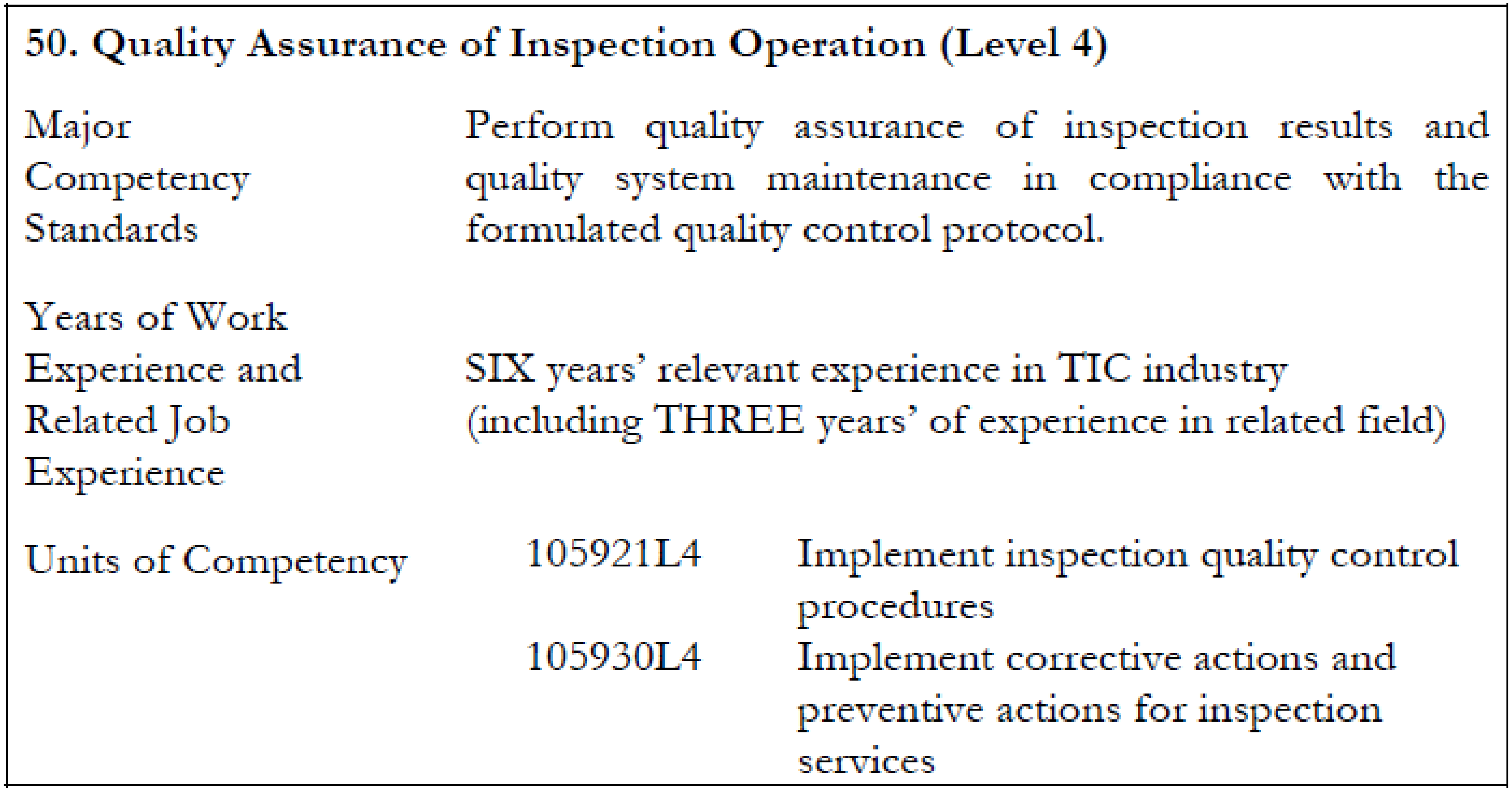


25. Physical and Mechanical Testing (Toys and Hardlines - Flammability Tests) (Level 4)

Major Competency Standards	Carry out flammability tests on toys and hardlines products and record accurate test data and observations to judge the compliance of the products in testing laboratories.	
Years of Work Experience and Related Job Experience	SIX years' relevant experience in TIC industry (including THREE years' of experience in related field)	
Units of Competency	105873L3	Record and present data
	105872L4	Process data
	105871L4	Apply statistical calculations to measurement data
	105851L4	Perform flammability tests (toys and hardlines)

Written Test + Practical Assessment

RPL Clusters (過往資歷認可能力單元組合)



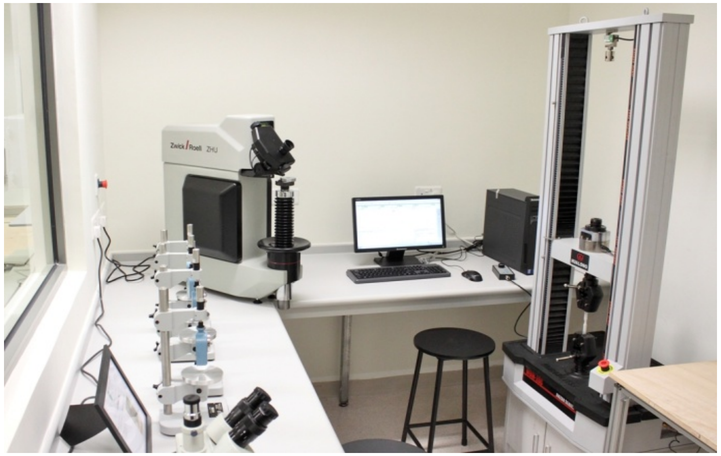
50. Quality Assurance of Inspection Operation (Level 4)

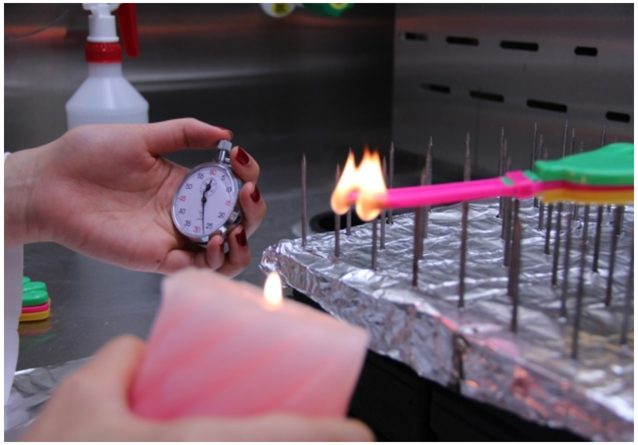
Major Competency Standards	Perform quality assurance of inspection results and quality system maintenance in compliance with the formulated quality control protocol.	
Years of Work Experience and Related Job Experience	SIX years' relevant experience in TIC industry (including THREE years' of experience in related field)	
Units of Competency	105921L4	Implement inspection quality control procedures
	105930L4	Implement corrective actions and preventive actions for inspection services

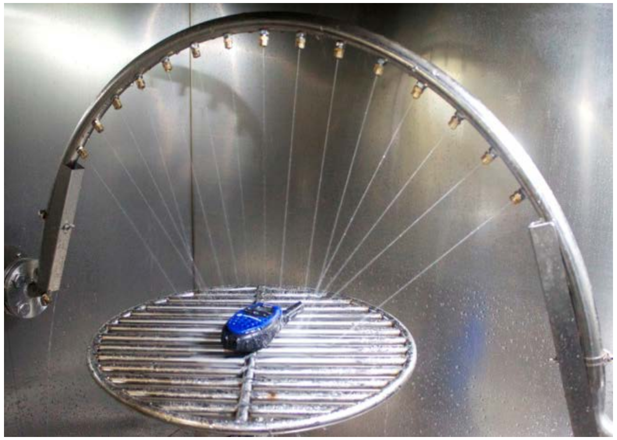
Written Test only

Assessment Methods

- Written Test
- Interview
- Written Test + Interview
- Practical Assessment
- Practical Assessment + Written Test
- Practical Assessment + Interview







Relevant Working Experience

- Minimum relevant working experience required:

QF Levels	Years of Experience in TIC	Experience in related field
Level 2	2 years	1 year
Level 3	5 years	2 years
Level 4	6 years	3 years

認可資歷
提升檢測及認證專業水平

檢測及認證業是本港優勢產業之一，現時行業的總就業人數約為17,000人。隨着市民及企業對產品檢測和管理體系認證的認識增加，相關服務的需求愈來愈多。因此，人才培訓及提升專業水平都成為業界非常重視的範疇，從業員可因此拓闊發展前景。

▲人才培訓和提升專業水平都是檢測及認證業非常重視的範疇

過往資歷認可 協助人才發展

香港公開大學科技學院在2011年首辦檢測及認證遙距課程，供業內人士進修。隨後數年陸續開辦全日制學士學位課程及兼讀制碩士學位課程，學生反應理想。此外，公開大學亦有積極參與資歷架構的工作，科技學院早於2012年參與檢測及認證業《能力標準說明》的撰寫工作；而在2015年11月，更獲教育局委任為檢測及認證業「過往資歷認可」評估機構，為富有經驗但欠缺正式資歷的從業員取得認可資歷，有助他們的事業發展。

身兼香港公開大學科技學院檢測和認證學副教授及「過往資歷認可」評估中心總監劉慶強博士表示：「公開大學在發展檢測及認證課程時投放資源設立多間實驗室，除了用於授課，也希望幫助業界發展。對這次學院獲委任為評估機構，我們感到很有意義。」

▲劉慶強博士指，「過往資歷認可」有助提升從業員的專業水平。

他指出：「公開大學在一年多前開始籌備申辦成為評估機構，除獲資歷架構檢測及認證業行業培訓諮詢委員會之推薦外，亦通過香港學術及職業資歷評審局對科技學院的硬件和軟件，包括實驗室設施、工作經驗、質素保證系統及行業網絡等多方面評審，最終獲教育局局長委任為評估機構，並於科技學院內設立評估中心，執行相關工作。」

檢測及認證業的過往資歷認可已於去年12月16日起接受申請，評估中心經理鄧慧芬表示：「評估形式包括面試、筆試及實務評估。我們會根據能力單元組合的內容擬訂評估形式，當中八成屬於筆試及實務評估。」評估中心收到申請後，會於兩星期內核實申請人遞交的資料，然後會在八星期內安排筆試及實務評估。過程除了有評估員及評估中心秘書監察外，還會錄影整個考核過程，確保考核在公平、公正的情況下進行。此外，評估中心亦已成立評估委員會及多個評估小組，由小組整合成績和報告，並呈交委員會審議及通過，最後將成績發放予申請人。

由於「過往資歷認可」單元組合多達51個，評估中心會邀請熟悉行業的業內人士參與編寫題目及進行評估等工作以加強申請人的信心，亦能切合業界所須。透過人才培訓及過往資歷認可，劉博士期望能為業界培訓合適人才，滿足人才需要，促進行業發展。

認可資歷 規劃職業生涯

檢測及認證屬於專業服務，從業員必須接受專業培訓和具備相關經驗，並且充分了解個別檢測或認證標準，才可以勝任檢測認證的工作。資歷架構檢測及認證業行業培訓諮詢委員會（諮委會）轄下的「過往資歷認可」專責小組召集人黃偉賢指出：「在行業設有資歷架構前，人才培訓甚具挑戰，不同的檢測及認證公司各有人才培訓的策略，缺乏互認的標準，以致不同實驗所的技術員，能力水平會有差異。公司聘用新入職技術員時，最少也要花數個月時間進行基本培訓。」在2010年，檢測及認證業開始推行資歷架構，並於2014年完成《能力標準說明》，客觀地列出執行不同職務的能力要求，成為從業員工作水平的指標。

▲資歷架構檢測及認證業行業培訓諮詢委員會主席楊敬宗（左）及「過往資歷認可」專責小組召集人黃偉賢（右）均認為，取得「過往資歷認可」資歷後，從業員在工作上可得到更大發展機會。

「過往資歷認可」專責小組由僱主代表、僱員代表、專業團體及政府相關部門代表所組成，早前已完成「過往資歷認可」評估機構的遴選工作，並在《能力標準說明》中揀選合適的能力單元，組成「能力單元組合」，作為評估申請人能力的標準。小組往後會繼續監察評估機構的運作及服務質素，並向諮委會匯報。

黃偉賢認為，人員資歷認證非常重要，從業員可藉此進行職業規劃，有助職場發展。他又期望通過資歷架構的發展，可吸引更多年輕人投身行業。檢測及認證屬跨地域行業，隨着香港與歐洲的資歷架構完成級別比對的工作，無論是本地或海外僱主，將來在聘請人才時，就更容易參照員工的學術、資歷及經驗的水平。

黃偉賢指出：「在宣傳資歷架構時得到正面回應，很多行業人員都表示有興趣參與。對公司而言，也可作為考慮員工晉升條件的參考藍本。現時香港認可處會認可檢測及認證機構的服務，假如將來從業員的能力獲得資歷架構認可，將更進一步推動整個行業的發展。」

提升審核師專業水平
協助質量管理體系長遠發展

審核師在質量體系認證擔當一定角色，提升審核師的專業地位，不但能促進認證服務的健康發展，亦可吸引人才投入檢測認證行業。香港專業審核師學會是一個非牟利組織，其董事會成員來自學術界、公營機構、認證機構的專業人員。學會為質量管理、環境管理、職業健康安全、食品安全、檢測認證等管理體系的審核專業人員，提供服務及學術交流，以期提升公眾對管理體系審核師專業地位的認同。

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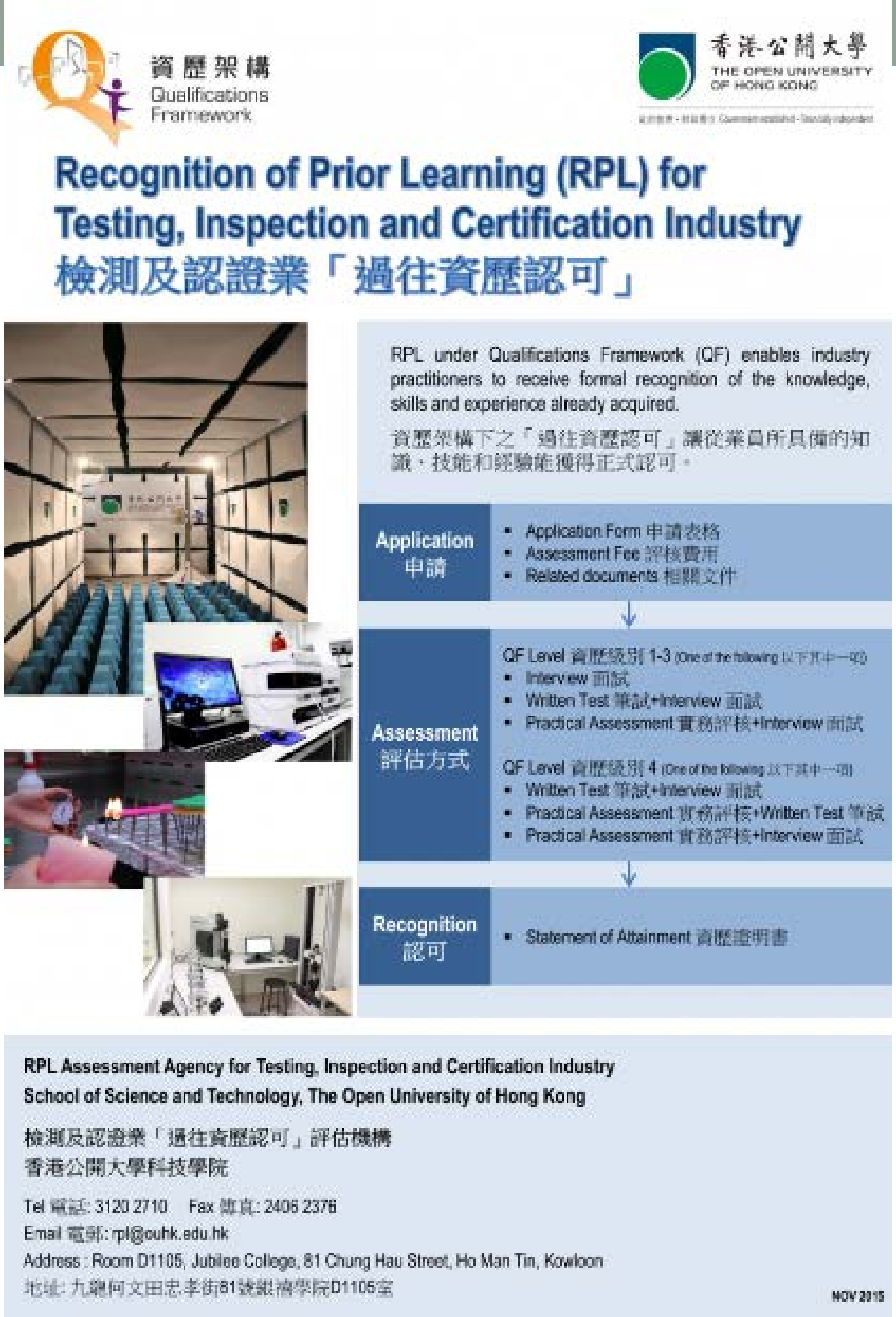
▲盧耀博士指出，各行業負責質量管理的審核人員，只要提升專業水平，皆可成為專業審核師。

該會會長盧耀博士估計，本港現有約300名在本港或海外註冊的審核師。要成為學會的會員必須修畢相關ISO質量管理體系課程和通過審核師的考核，及符合學會資歷要求。盧博士指，學會於2014年9月獲得工業貿易署中小企業資助計劃撥款，建立一套符合ISO/IEC 17024國際認可的「人員認證計劃」，適用於認證ISO 9000質量管理體系人員。項目亦包括向中國合格評定國家認可委員會（CNAS）申請認可，申請文件已獲CNAS正式受理，整個項目預計於本年中完成。

盧博士認為提升香港的質量管理水平，人員專業化是非常重要的。質量經理、內審員、審核師的專業資格是質量管理方面不可或缺的。盧博士期望「ISO 9000質量管理體系人員認證計劃」推出後，有助提升審核服務的專業水平，協助檢測和認證業長遠的健康發展。



資歷架構
Qualifications Framework

香港公開大學
THE OPEN UNIVERSITY OF HONG KONG

Recognition of Prior Learning (RPL) for Testing, Inspection and Certification Industry
檢測及認證業「過往資歷認可」

RPL under Qualifications Framework (QF) enables industry practitioners to receive formal recognition of the knowledge, skills and experience already acquired.

資歷架構下之「過往資歷認可」讓從業員所具備的知識、技能和經驗能獲得正式認可。

Application 申請
- Application Form 申請表格
- Assessment Fee 評核費用
- Related documents 相關文件

↓

Assessment 評估方式

QF Level 資歷級別 1-3 (One of the following 以下其中一項)
- Interview 面試
- Written Test 筆試+Interview 面試
- Practical Assessment 實務評核+Interview 面試

QF Level 資歷級別 4 (One of the following 以下其中一項)
- Written Test 筆試+Interview 面試
- Practical Assessment 實務評核+Written Test 筆試
- Practical Assessment 實務評核+Interview 面試

↓

Recognition 認可
- Statement of Attainment 資歷證明書

RPL Assessment Agency for Testing, Inspection and Certification Industry
School of Science and Technology, The Open University of Hong Kong

檢測及認證業「過往資歷認可」評估機構
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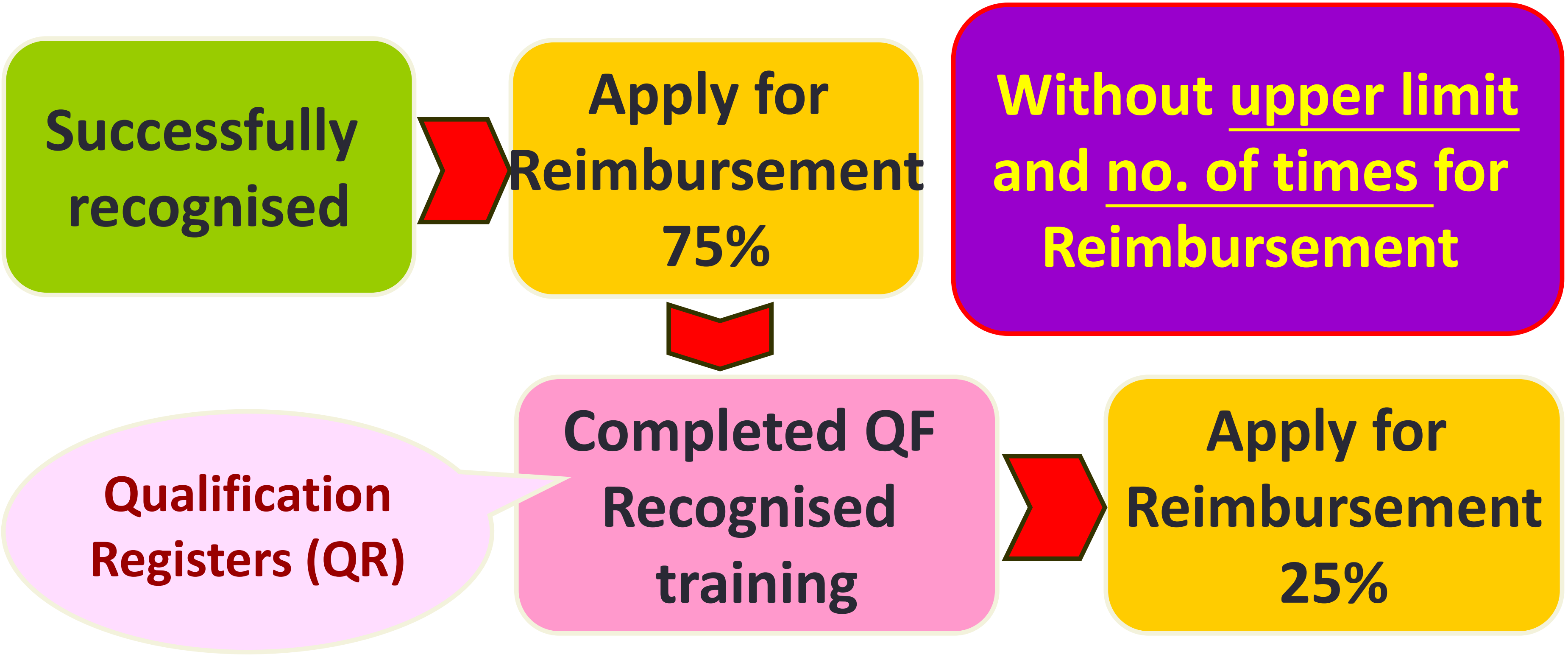
NOV 2015

Reimbursement of Assessment Fee

- Encourage continuous and life-long learning



Successfully recognised

Apply for Reimbursement 75%

Without upper limit and no. of times for Reimbursement

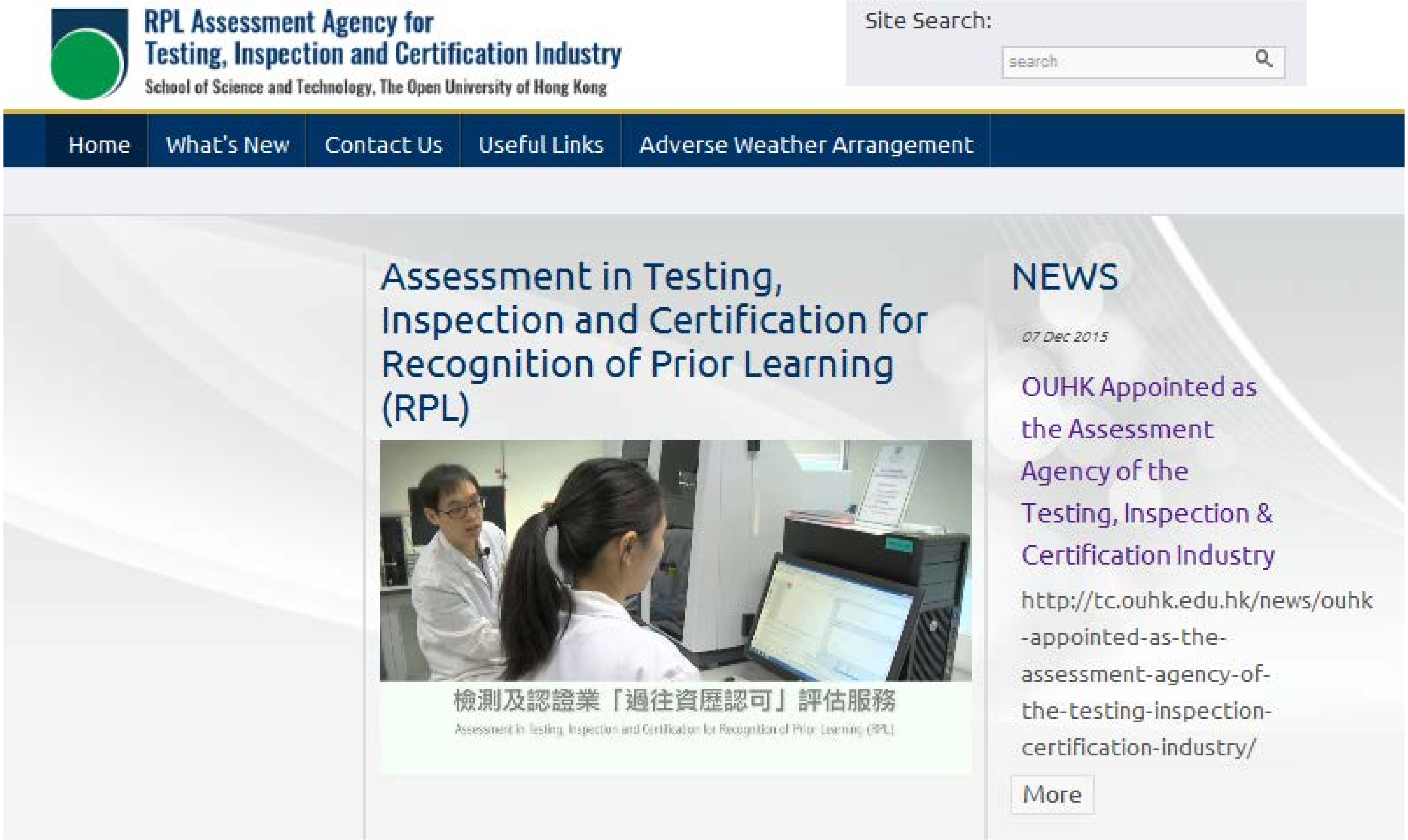
Completed QF Recognised training

Qualification Registers (QR)

Apply for Reimbursement 25%

Application

- **Website : http://rpl.ouhk.edu.hk/**



RPL Assessment Agency for
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School of Science and Technology, The Open University of Hong Kong

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Assessment in Testing, Inspection and Certification for Recognition of Prior Learning (RPL)

檢測及認證業「過往資歷認可」評估服務

Assessment in Testing, Inspection and Certification for Recognition of Prior Learning (RPL)

NEWS

07 Dec 2015

OUHK Appointed as the Assessment Agency of the Testing, Inspection & Certification Industry

http://tc.ouhk.edu.hk/news/ouhk-appointed-as-the-assessment-agency-of-the-testing-inspection-certification-industry/

Employees and Employers

WIN

Employees

- Gain recognition for qualification
- Professional development and profile
- Save money compared with other training program
- Quicker qualification

WIN

Employers

- Fast tracking staff through the skills recognition
- Reduction in costs of training
- Efficient in identification of 'skills gaps' allowing for more focused training

RPL Assessment Service Agency

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- Website: **http://rpl.ouhk.edu.hk/**
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THANK YOU