Smart Manufacturing Training Programme for PPE Industry [2008-1]

Programme under the Reindustrialisation and Technology Training Programme (RTTP)

Duration: 48 hours Including two days industrial visits and practical sessions

Programme Description

The public awareness of health protection has drastically increased in recent years, resulting in a high demand for high quality personal protective equipment. In view of this, IVE Engineering, the Federation of Hong Kong Industries and Sinopharm Tech Holdings Limited jointly develop a new programme 'Smart Manufacturing Training Programme for PPE industry'.

This programme aims to upgrade the technical skills and professional knowledge of practitioners from the Personal Protection Equipment (PPE) manufacturing industry. Students will be able to gain an understanding of the smart manufacturing systems Industry 4.0, Industry Internet of Things (IIoT) and the Hong Kong Q-Mark schemes. The programme would cover technical knowledge as well as the application of these tech trends on enhancing the competitive advantage of the modern production line.

Programme Outline

This programme consists of twelve modules:

1. Overview of the PPE industry and mask manufacturing industry in Hong Kong
2. Mask and machine types
3. Mechanical assemble knowledge and practice
4. Pneumatic power and control
5. Programmable logic controller (PLC) and automation
6. Step and AC motor control and practice
7. Preventive maintenance and troubleshooting technique
8. AI Vision system for inspection
9. Remote data collection and analysis with IIoT
10. Machine walk through (N95) and practice
11. Machine walk through (3-Ply) and practice
12. Certification and Testing: Q-mark Schemes

Course Fee

HK$7,500 (HK$ 2,500 after the support form RTTP)

This programme is under the Reindustrialisation and Technology Training Programme (RTTP). Eligible companies can apply up to two-third of the training cost for their staff, totalling a maximum amount of $500,000 in each financial year. For details, please visit: https://rttp.vtc.edu.hk/

Target Audience

The programme is suitable for practitioners from the PPE industry, e.g. manufacturers, processors, quality controllers or service providers and people who are interested in this industry.

Enquiries
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Aug 2020

IVE Engineering 工程

香港工業總會 FHKI Federation of Hong Kong Industries

SPT 國藥科技 國藥科技股份有限公司 香港上市(8156.HK)

智能製造專業培訓課程(個人防護裝備行業) [課程編號: 2008-1]

再工業化及科技培訓計劃(RTTP)課程

課堂時數: 48小時
(包括為期兩日參觀個人防護裝備廠房及實習)

課程內容

本課程設12個單元，包括:

1. 香港個人防護裝備及口罩生產行業介紹
2. 口罩生產機器
3. 機械組裝實務
4. 氣動力控制
5. 編程邏輯控制器
6. 步進及交流馬達控制
7. 預防性維修及保養技巧
8. 人工智能監控生產系統
9. 工業物聯網的遙距數據收集及分析
10. N95口罩機器示範及實務
11. 三層口罩機器示範及實務
12. 認證與檢測：香港「Q 嘜」計劃

課程簡介

近年大眾的衛生防護意識提高，對個人防護裝備的需求亦因而急增，同時防護裝備的品質亦備受關注。有見及此，IVE工程學科、香港工業總會及國藥科技股份有限公司合作舉辦新課程「智能製造專業培訓課程(個人防護裝備行業)」，目標為從事「個人防護裝備行業」的人士提供專業知識及提升技術。

學員能透過本課程加深對智能製造系統的認識，及了解工業4.0、工業物聯網 (IIoT)及香港「Q 嘜」計劃。本課程亦教授技術知識與應用，讓學員了解如何運用新科技以提升現代化生產線的競爭力。

課程對象

此課程適合於個人防護裝備製造行業從事生產、加工、品質監控及相關服務的從業員，或有興趣了解該行業的人士。

課程費用

港幣$7,500

(「再工業化及科技培訓計劃」資助後: 港幣$2,500)

此課程蓋涵於「再工業化及科技培訓計劃」之內。合資格申請人(公司)可獲資助三分之二所繳學費，每間公司每一個財政年度上限為50萬港元。

詳情請瀏覽https://rttp.vtc.edu.hk/

查詢

電話: 2435 9423 / Whatsapp: 9081 5283

網頁: https://edit.vtc.edu.hk

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2020年 8月