

第 25 屆「香港青少年科技創新大賽」

25th Hong Kong Youth Science & Technology Innovation Competition

職安局專項獎之建議題目

OSHC Special Award - Suggested Topic

職業安全組:

Occupational Safety Category:

參賽者可發揮創意在工作安全領域提出創新的研究或發明方案，改善現時各行業的工作安全狀況。以下為建議的參賽題目例子：

Participants can make use of their creativity to propose innovative inventions or solutions for improvement of occupational safety in different industries. The following are examples of recommended topics for consideration:

1. 研發創新安全科技進行外牆維修工程

Invention of innovative safety technology for carrying out maintenance works on external wall of building

2. 研發創新安全科技提升密閉空間工作安全

Invention of innovative safety technology for enhancing safety in confined space works

3. 研發提升吊運工作安全的裝置/設備

Invention of equipment/ device for enhancing safety in lifting operations

4. 研發改善吊船安全操作的裝置/設備

Invention of equipment/ device for enhancing safe operation of suspended working platforms

5. 研發減少於工作場所內滑倒及跌倒的創新方案

Invention of innovative solutions for reducing slips and falls in workplace

6. 研發提升道路清潔工作/道路工程安全的裝置/設備

Invention of equipment/ device for enhancing safety in road cleaning work/ road works

7. 研發預防壓縮氣體爆炸的裝置/設備

Invention of equipment/ device for prevention of gas explosion from operation of compressed gas

8. 研發創新安全科技提升水上/岸邊工作安全

Invention of innovative safety technology for enhancing safety in works over/near water

參賽者可將不同創新科技，例如大數據(Big Data)、物聯網(Internet of Things)、雲計算(Cloud Computing)與人工智能(Artificial Intelligence)等技術應用到其參賽項目。

Participants can apply different innovative technologies such as Big Data, Internet of Things, Cloud Computing and Artificial Intelligence for their competition entries.

職業健康組：

Occupational Health Category:

參賽者可發揮創意在工作健康領域提出創新的研究或發明方案，改善現時各行業的職場健康狀況，例如在體能活動、健康飲食及精神健康等各方面。以下為建議的參賽題目例子：

Participants can make use of their creativity to propose innovative inventions or solutions for improvement of occupational health in different industries, such as physical activities, healthy diet and mental health. The following are examples of recommended topics for consideration:

1. 研發預防因工作導致筋骨勞損的裝置/設備

Invention of equipment/ device for musculoskeletal disorders prevention in workplace

2. 研發預防在酷熱工作環境下中暑的裝置/設備

Invention of equipment/ device for heat stroke prevention in workplace

3. 研發鼓勵在職人士「多運動」的創新方案

Invention of innovative solutions for encouraging working people to reduce sedentary time

4. 研發鼓勵在職人士實行健康飲食的創新方案

Invention of innovative solutions for encouraging working people to implement healthy eating

5. 應用創新科技改善職場健康和環境衛生

Application of innovative technology for enhancing occupational health and environmental hygiene

6. 應用創新設計協助在辦公室或在家工作的顯示屏幕使用者保持正確坐姿
Application of innovative design to assist display screen equipment users to maintain proper posture in office or home office
7. 實行改善工作場所化學品安全管理的創新方案
Implementation of innovative solutions for enhancing chemical safety management in workplace
8. 實行改善在職人士精神健康的創新方案
Implementation of innovative solution for improving mental health of working people

參賽者可將不同創新科技，例如大數據(Big Data)、物聯網(Internet of Things)、雲計算(Cloud Computing)與人工智能(Artificial Intelligence)等技術應用到其參賽項目。

Participants can apply different innovative technologies such as Big Data, Internet of Things, Cloud Computing and Artificial Intelligence for their competition entries.