

內置式管夾 Internal Alignment Clamp

團隊背景 Background of the Team

團隊名稱 Team Name	天河 13 Tin Ho 13	隊長 Team Leader	黃維耀 WONG Wai Yiu
成立日期 Date of Formation	二零一三年三月一日 1 March 2013	團隊 Team Members	何俊耀 關鐵權 梁智敏 梁鴻 白鎮江 丁家瑜 盧愷怡 Alan HO KWAN Tit Kuen LEONG Tze Man Kenny LEUNG Alfred PAK TING Ka Yu Collins LO
業務單位 Business Unit	網絡發展部 Network Development		
部門促進員 Team Facilitator	尹嶽雲 WAN Ngok Wan		

項目背景

煤氣公司為了向香港市民提供安全、可靠的潔淨能源供應，會持續進行管道敷設工程以供氣給新發展區及更換一些舊的管道。

由於某些地區的地底，特別是人煙稠密的街道已放滿了其他公共設施，例如水管、電線、電訊筒和渠筒等，敷設管道時經常會遇到極大的障礙，這不單延誤工程進度，還提升了所需的成本。

Background of the Project

In order to provide a safe and reliable supply of clean energy to the people of Hong Kong, the Company will continue to carry out pipeline laying works to provide gas supply to the new development areas and to replace some aging ones.

However, due to the fact that some areas of the ground, especially densely populated area have been filled with other public facilities, such as water pipes, cables, communication ducts and drainage pipes and other utilities, gas pipes laying works often encounter great obstacles, not only delay the project progress, but will increase the cost at the same time.

問題成因

壕坑空間不足，妨礙及甚至引致不能安裝進行電熔合時用來固定喉管的管夾。

解決方法

用內置式管夾去取代傳統的外置式管夾。

成果及效益

- 減省補地開支達 HK\$606,700。
- 減少建築物廢料產生。
- 避免影響施工進度。
- 提升公司對環保作出貢獻的形象。
- 促成提高 PE 電熔接口的質量，提升供氣安全。

Causes of the Problem

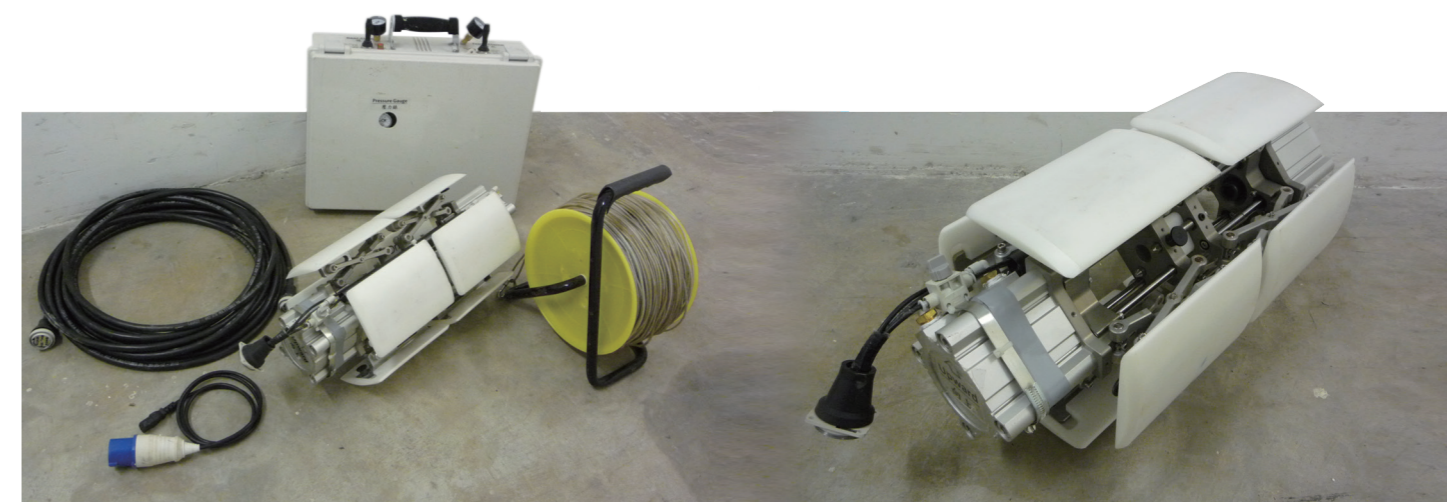
Insufficient working space encountered in the trench hinders the proper pipe clamp application for electrofusion of PE pipes.

Solutions

Use internal alignment clamp instead of traditional external pipe clamp.

Achievements & Benefits

- Saving reinstatement cost up to HK\$606,700.
- Reduce construction waste materials.
- Avoid pipelaying work interruption.
- Enhanced company's image on environmental protection.
- Facilitate making of high quality PE electrofusion joints to enhance gas safety.



內置式管夾及附件
Internal Alignment Clamp with Accessories

內置式管夾
Internal Alignment Clamp