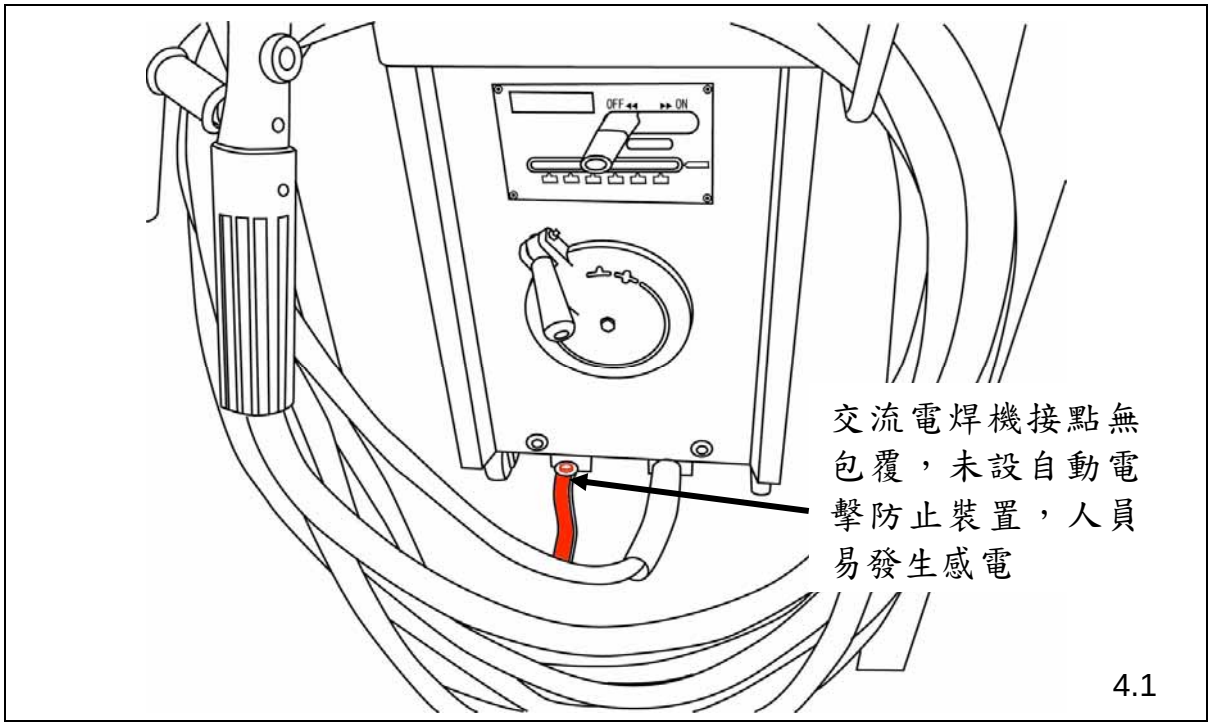
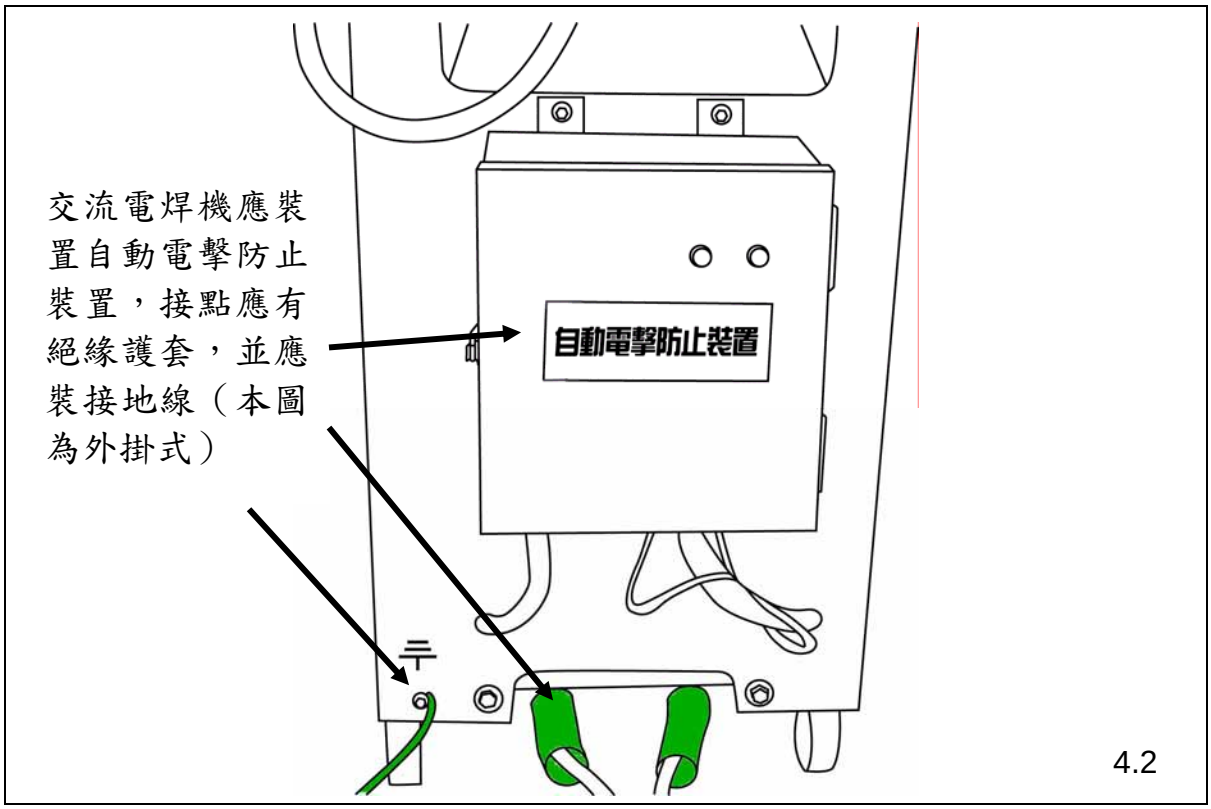
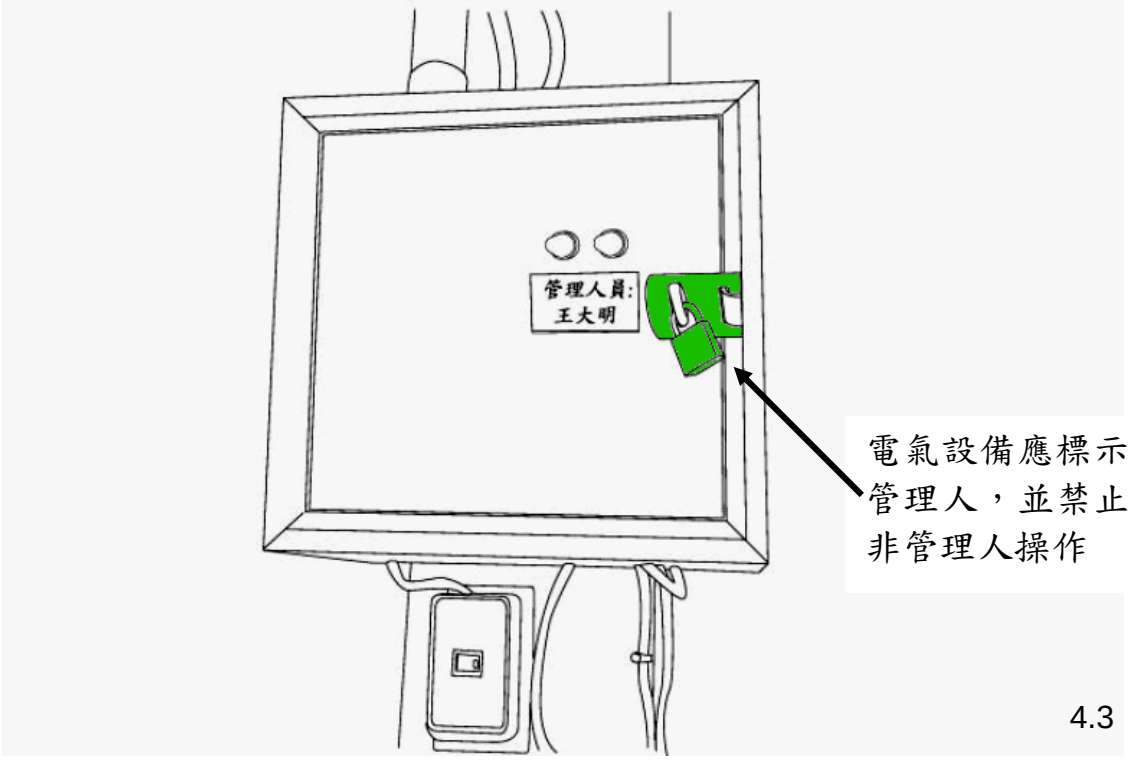
第四章　感電危害



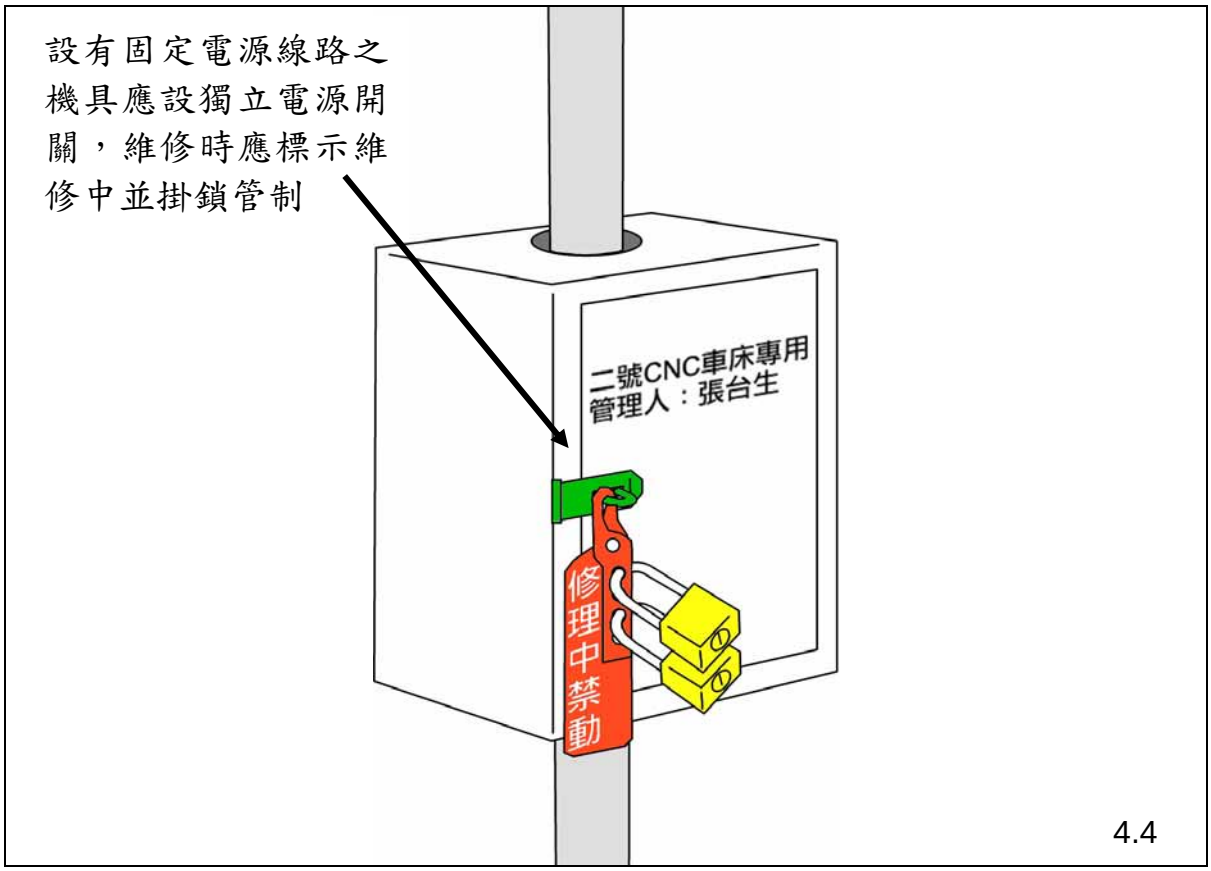
4.1



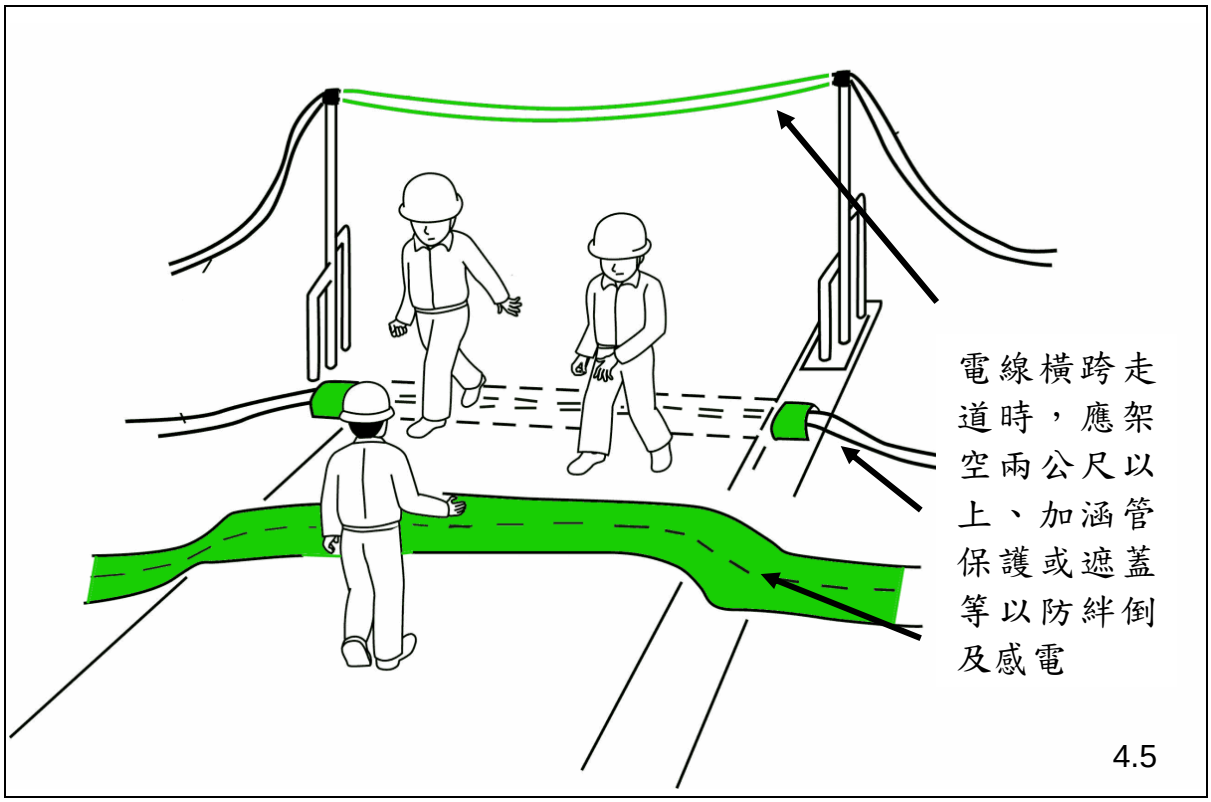
4.2

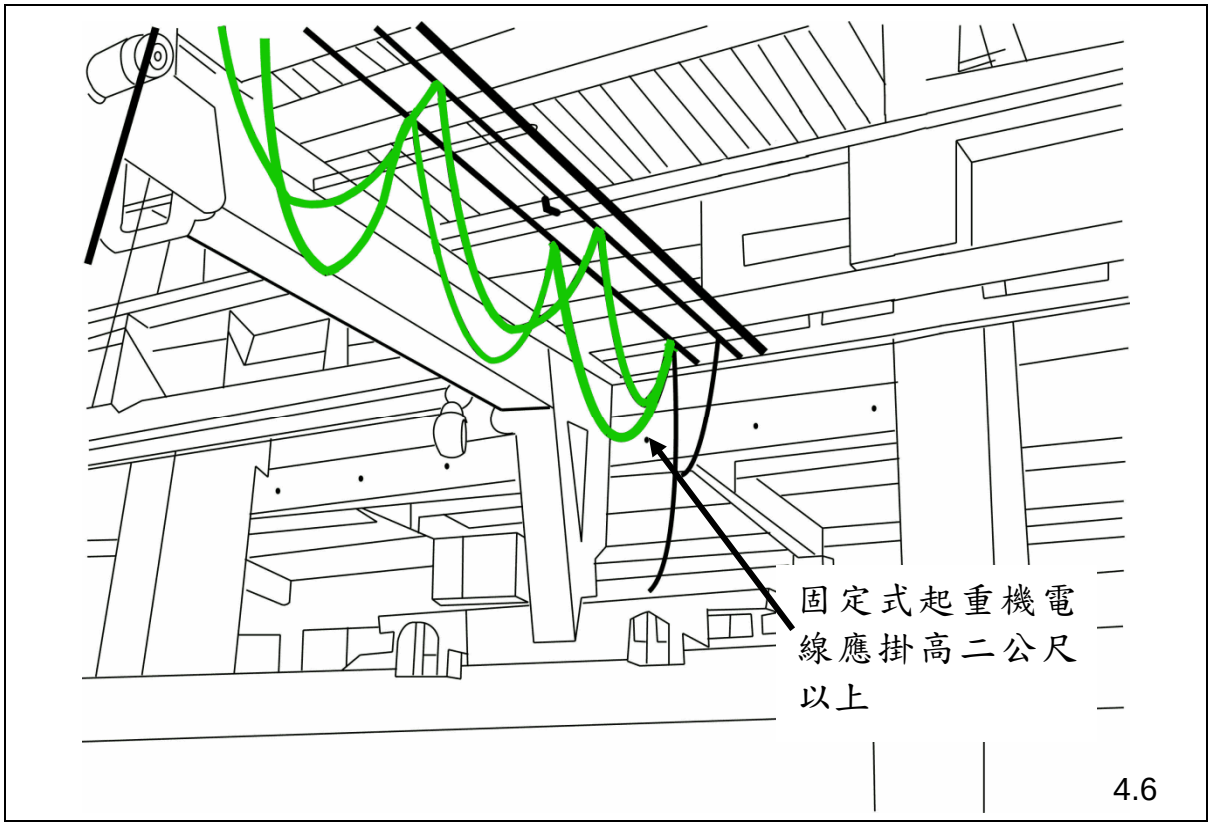

管理人員:
王大明
電氣設備應標示管理人，並禁止非管理人操作

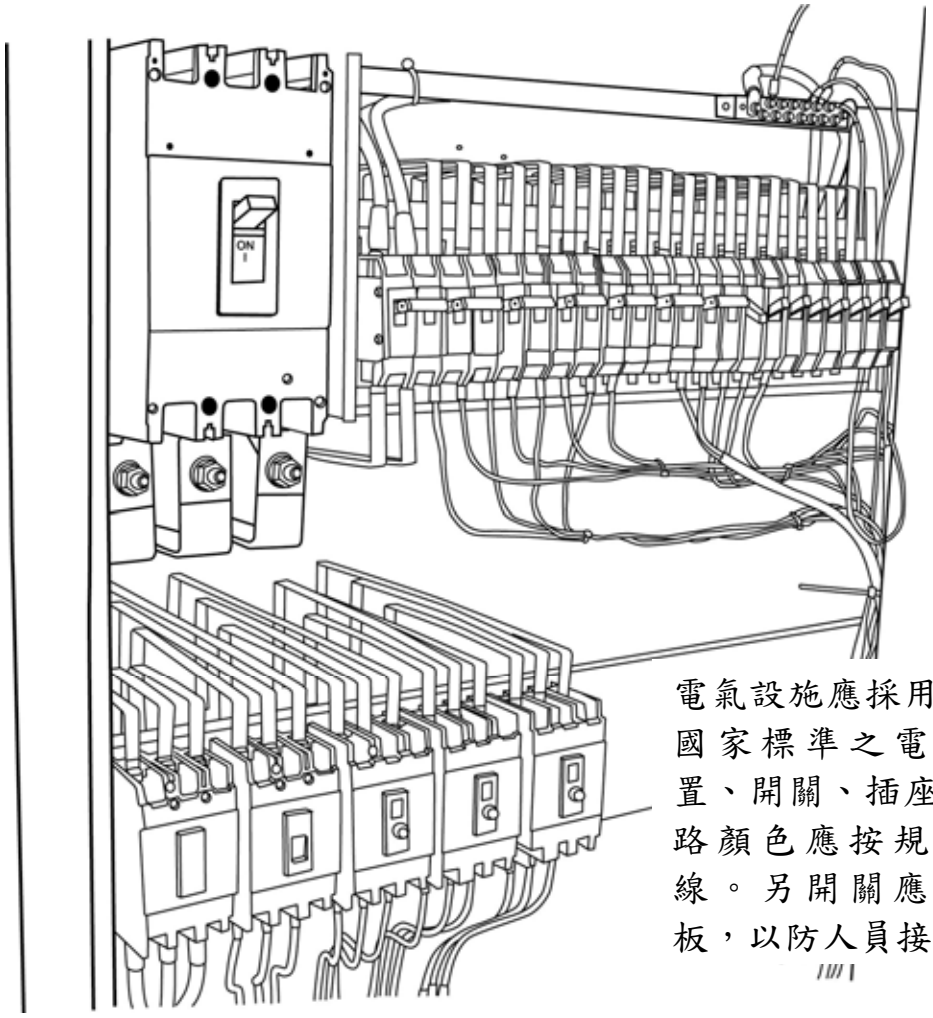
4.3


設有固定電源線路之機具應設獨立電源開關，維修時應標示維修中並掛鎖管制
二號CNC車床專用
管理人：張台生
修理中禁動

4.4

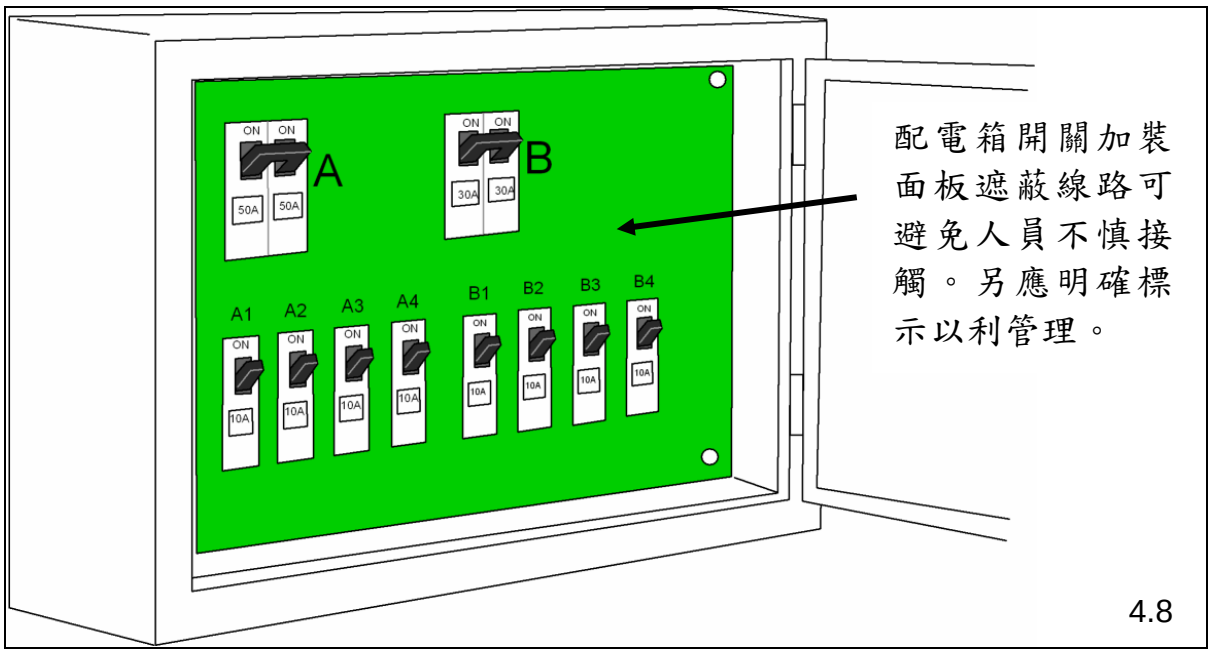

電線橫跨走道時，應架空兩公尺以上、加涵管保護或遮蓋等以防絆倒及感電
4.5


固定式起重機電線應掛高二公尺以上
4.6



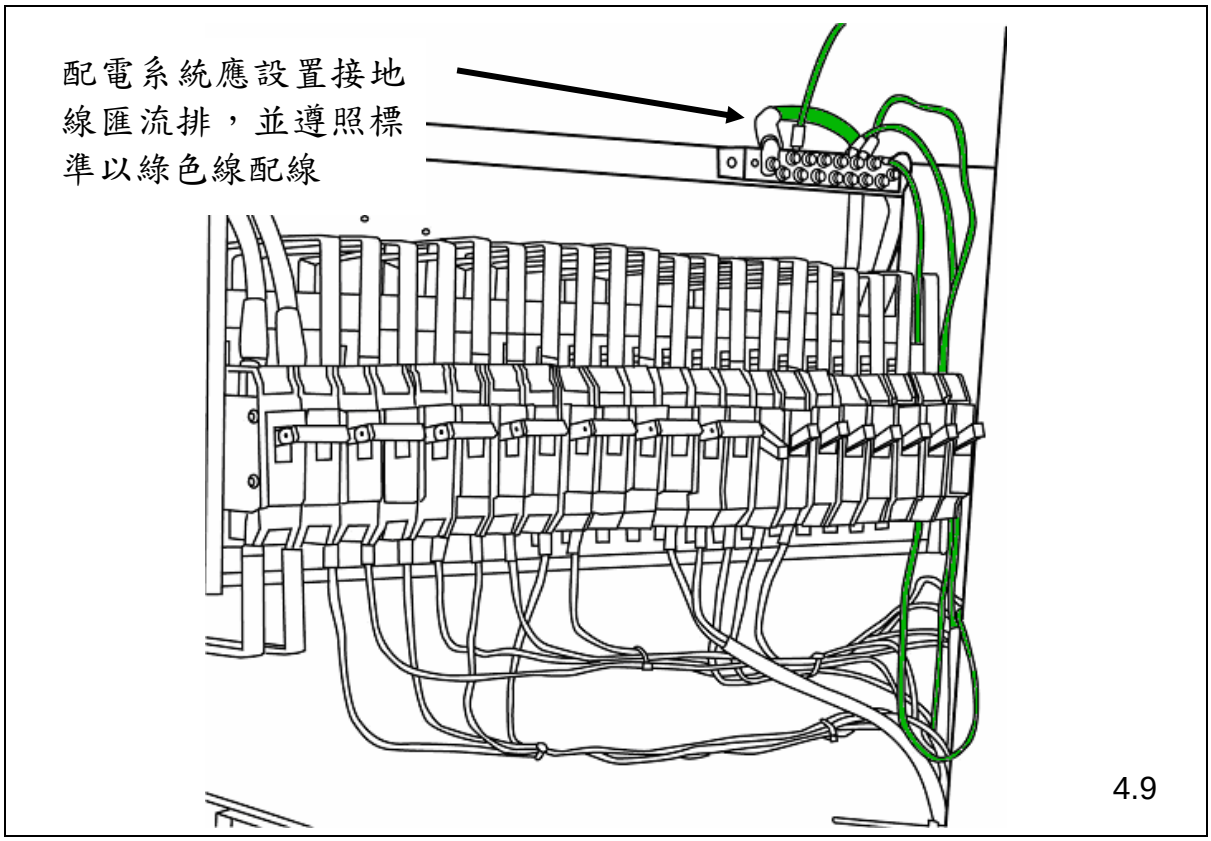
電氣設施應採用符合國家標準之電氣裝置、開關、插座。線路顏色應按規定配線。另開關應加護板，以防人員接觸

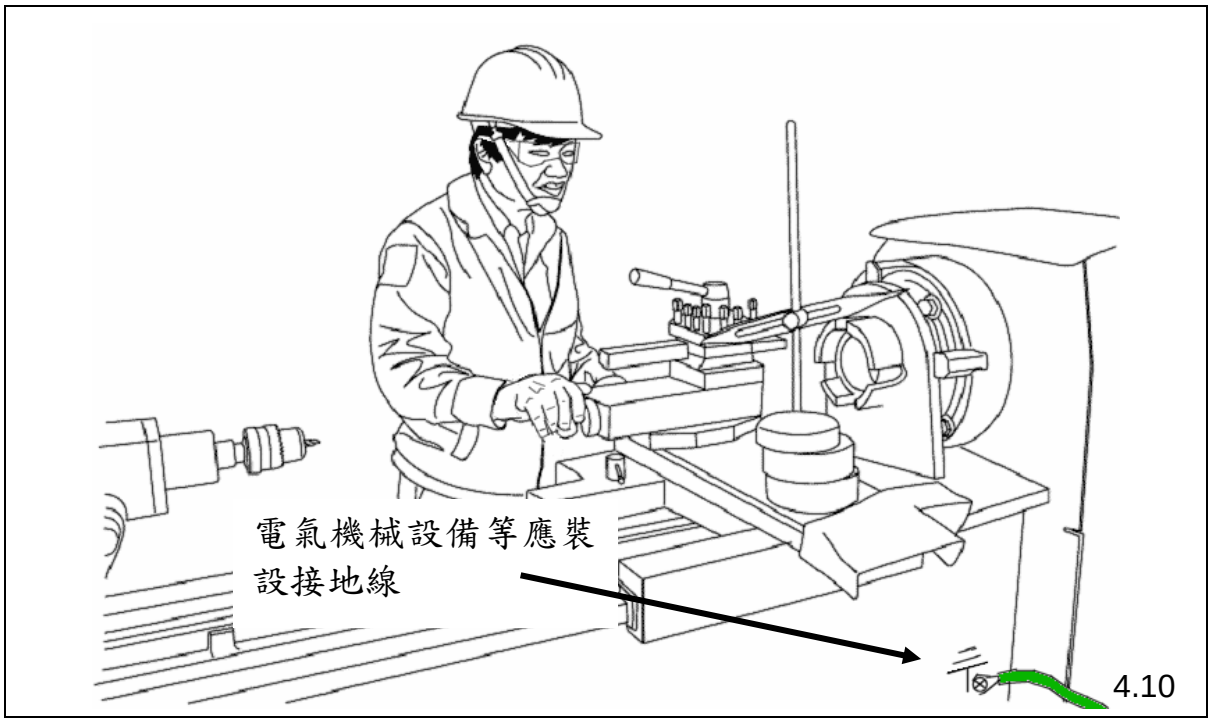
4.7

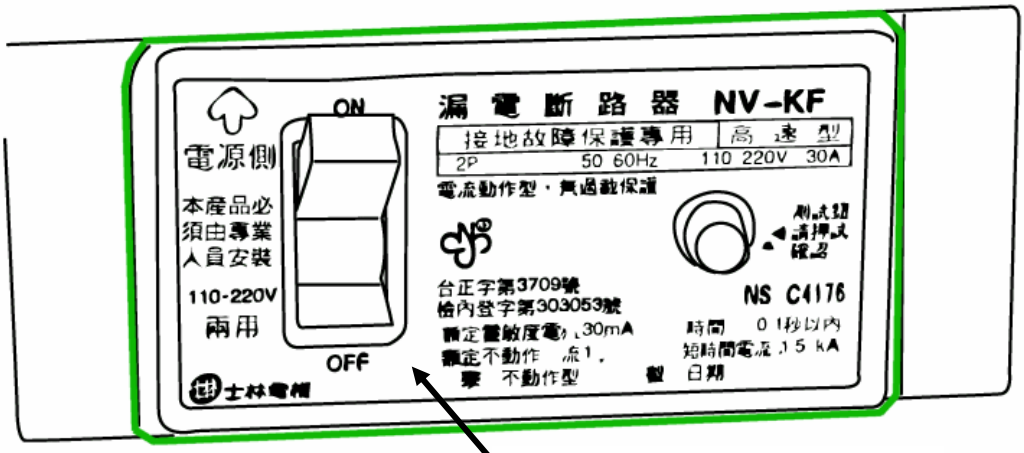


配電箱開關加裝面板遮蔽線路可避免人員不慎接觸。另應明確標示以利管理。

4.8

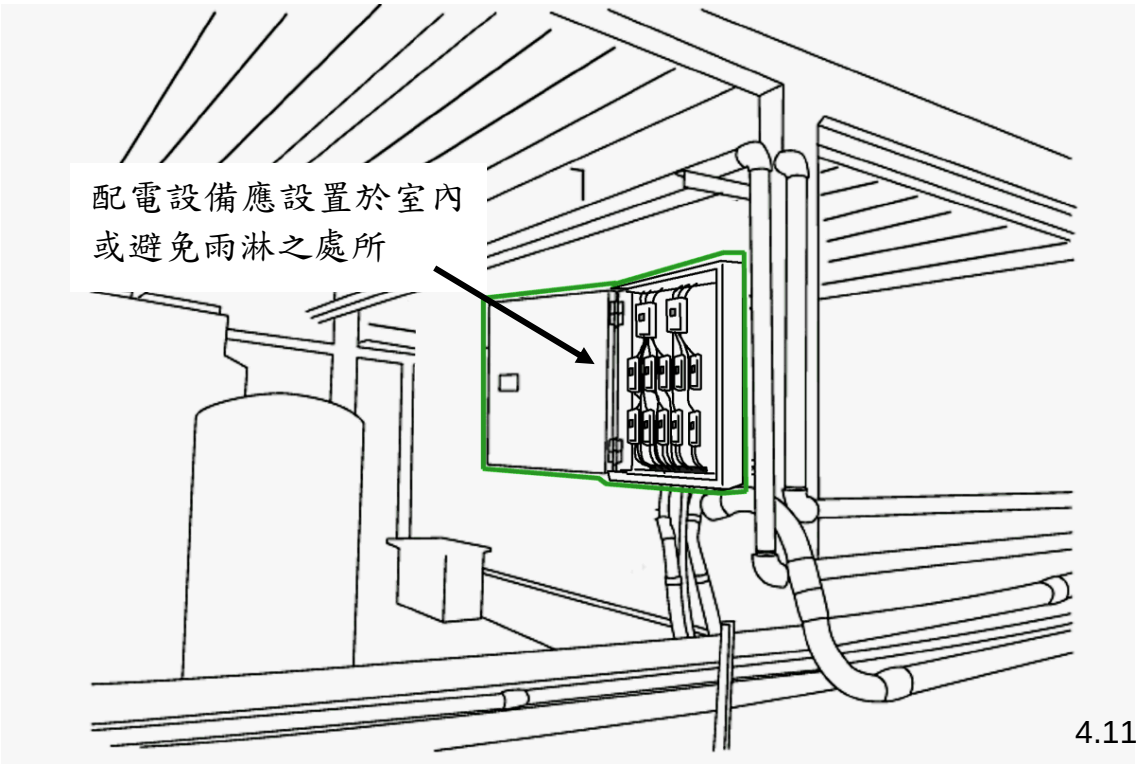

配電系統應設置接地線匯流排，並遵照標準以綠色線配線
4.9


電氣機械設備等應裝設接地線
4.10

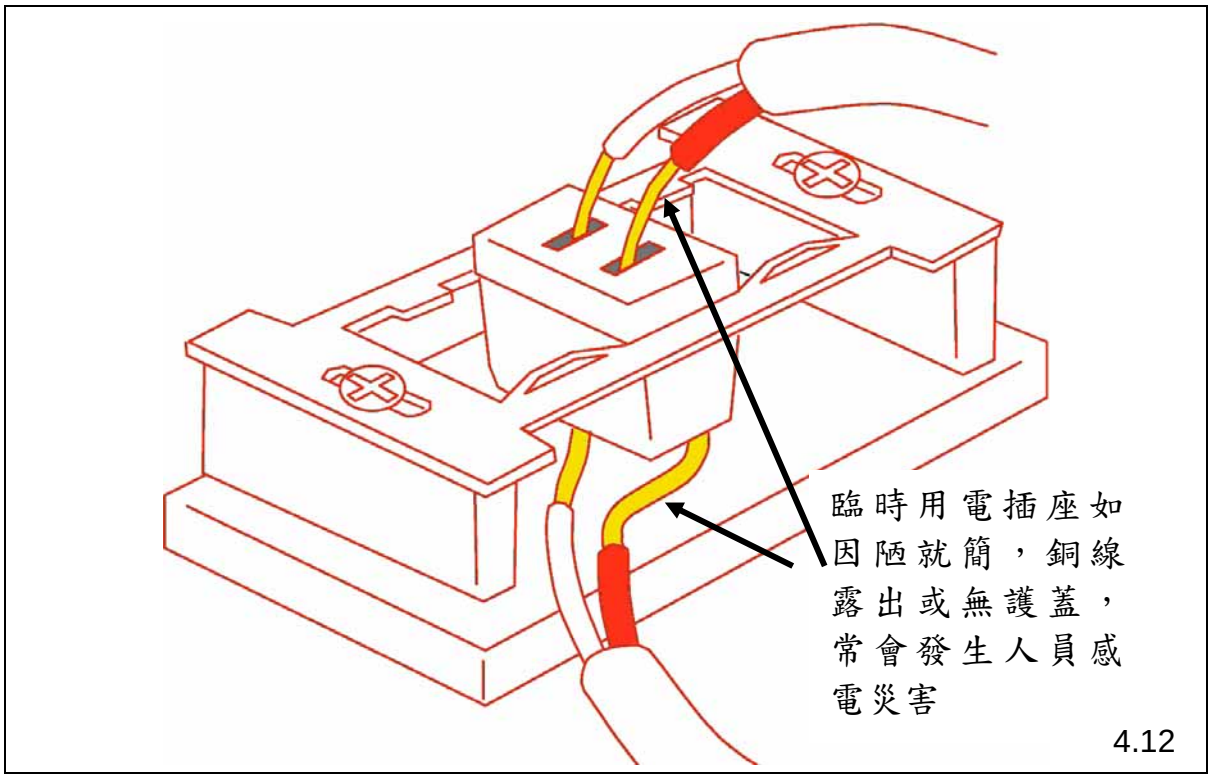


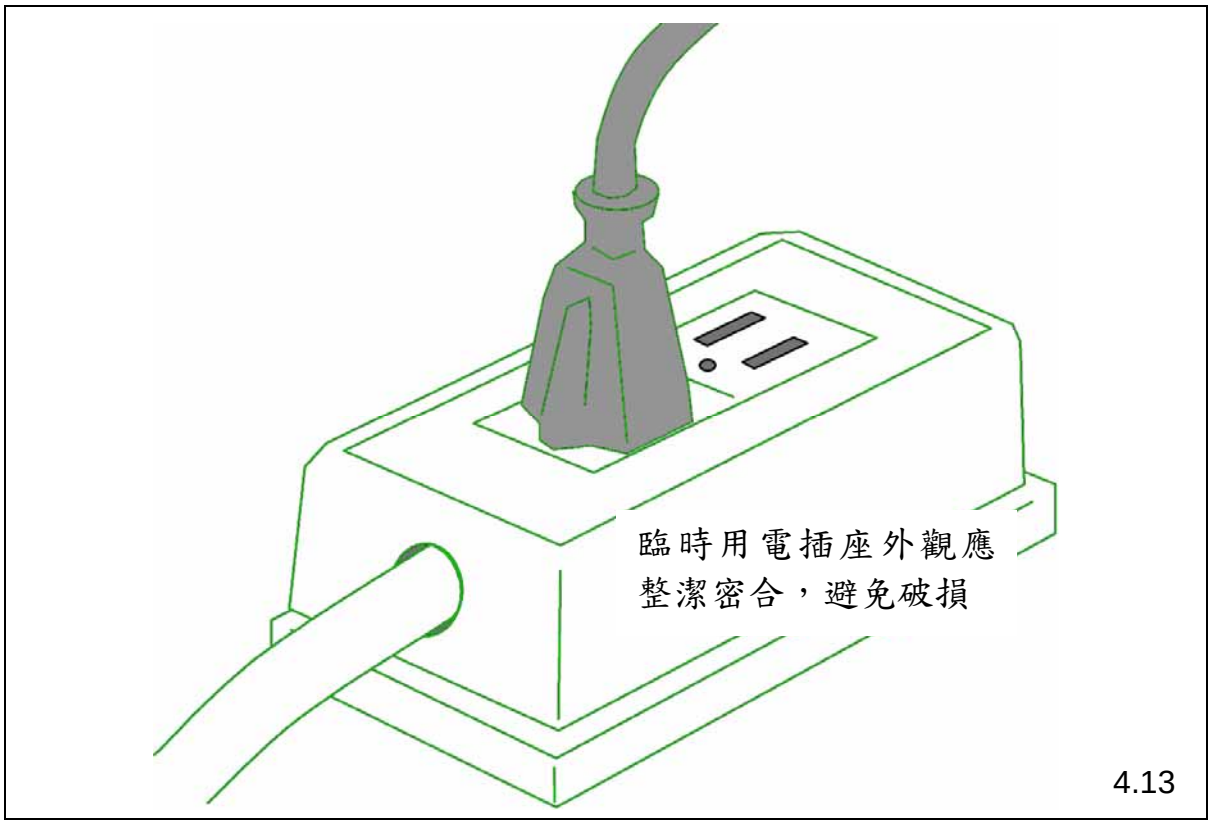
易感電電路用電，各電源
分路應裝置漏電斷路器

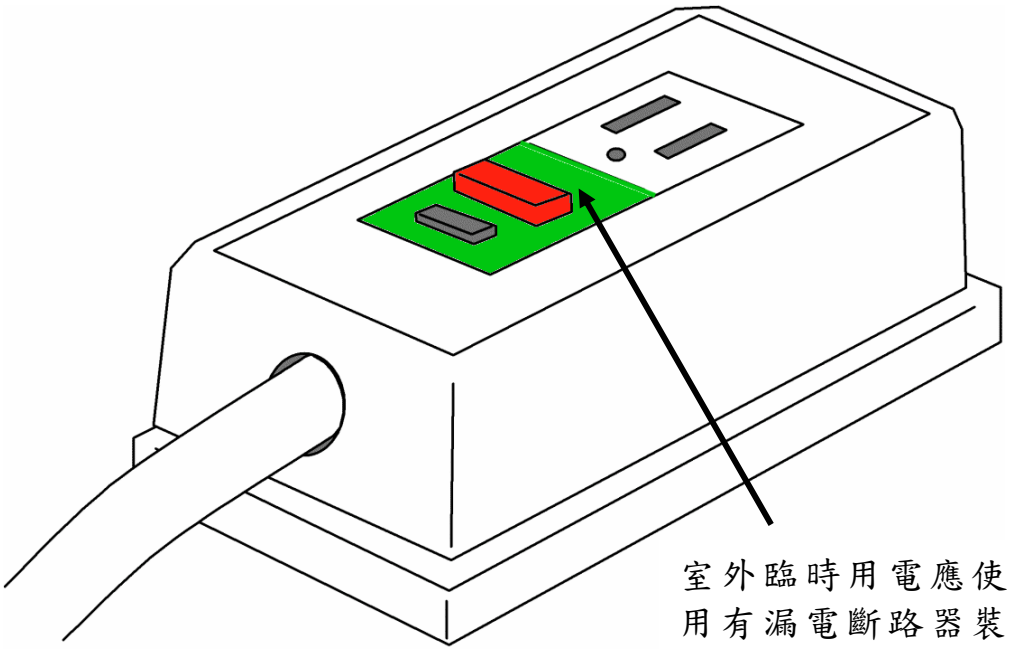
4.11



4.11

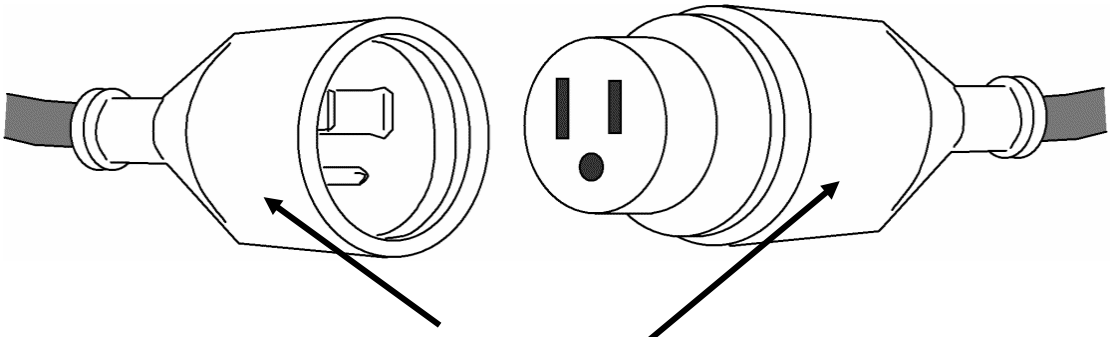

臨時用電插座如
因陋就簡，銅線
露出或無護蓋，
常會發生人員感
電災害
4.12


臨時用電插座外觀應
整潔密合，避免破損
4.13



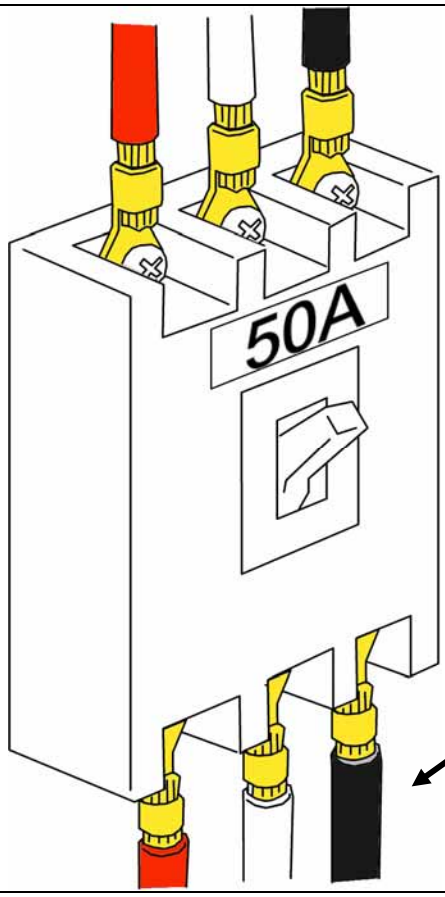
室外臨時用電應使用有漏電斷路器裝置之插座

4.14



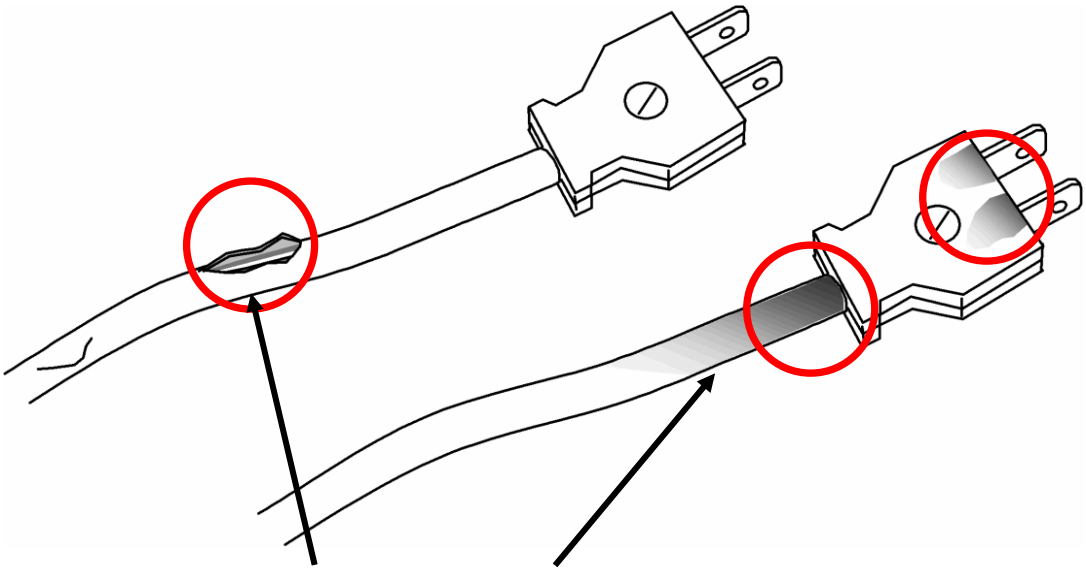
室外插座應選用防水型，以免滲水而發生感電危險

4.15



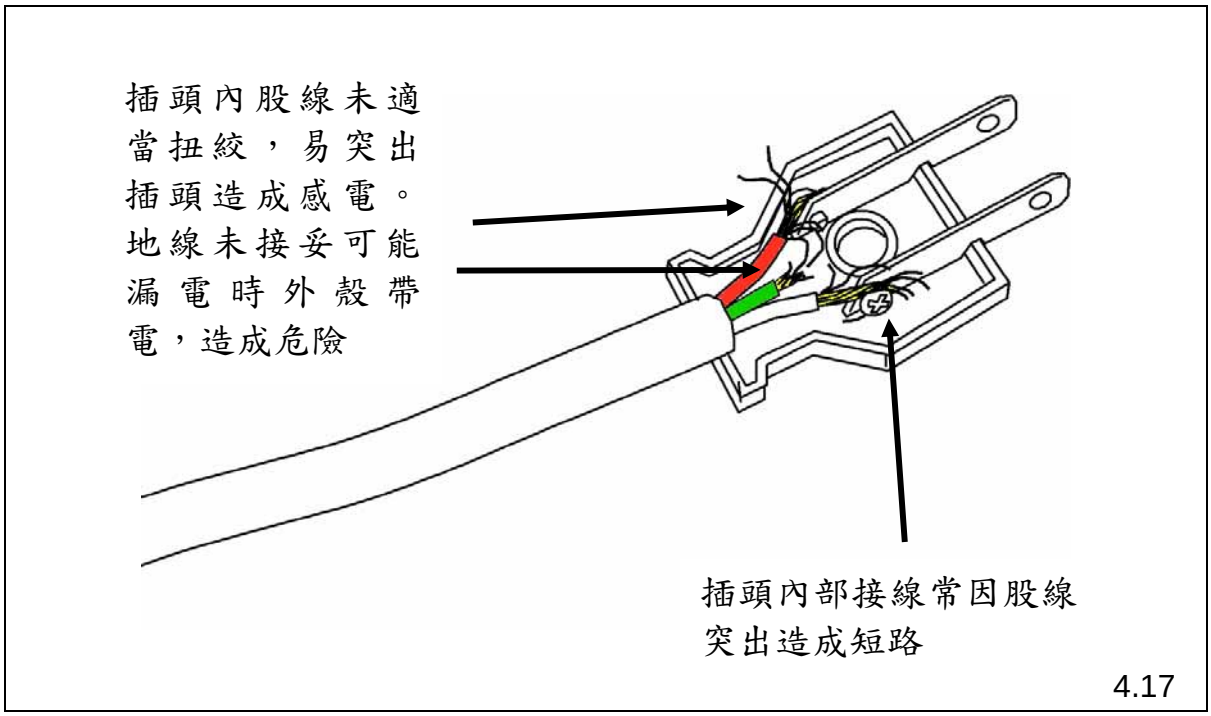
臨時用電應由無熔絲開關之二次側接出，以免過載發生危險

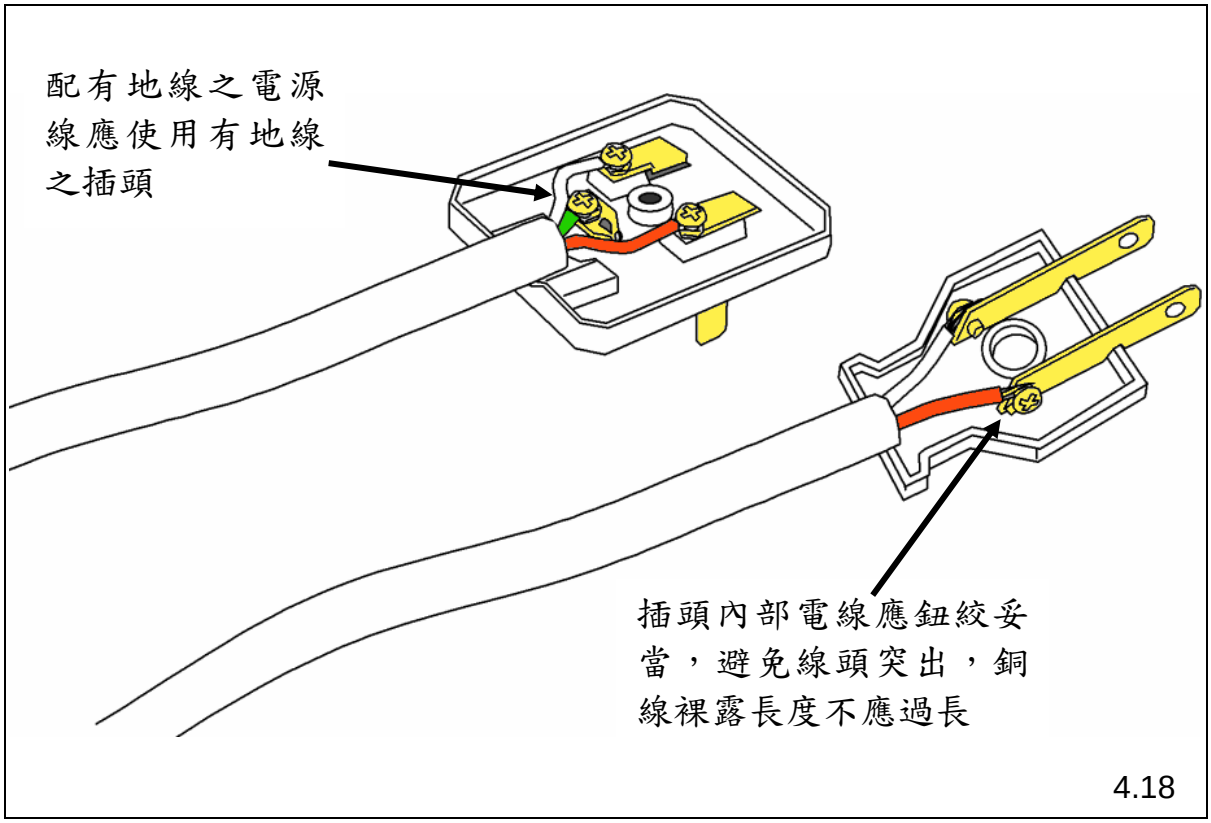
4.15

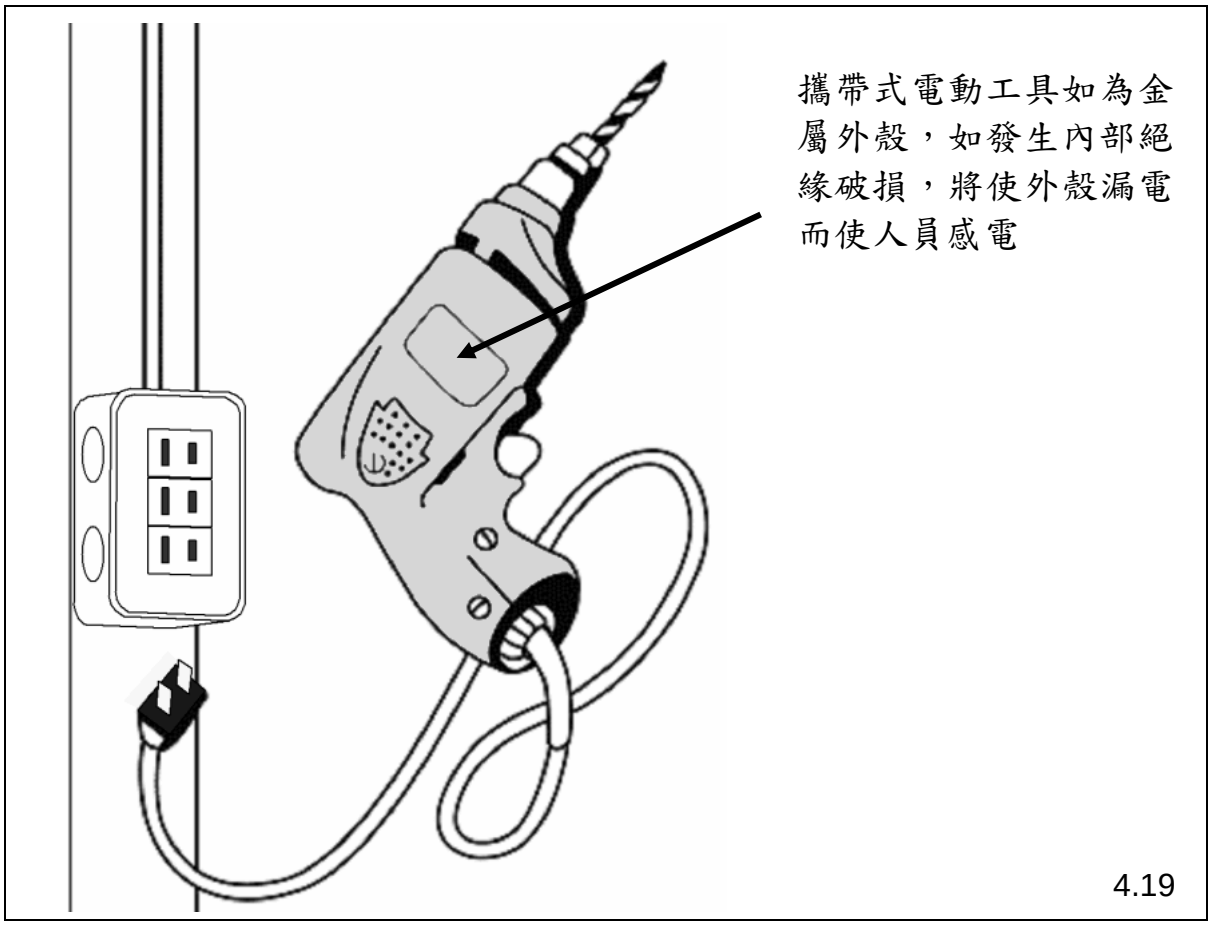


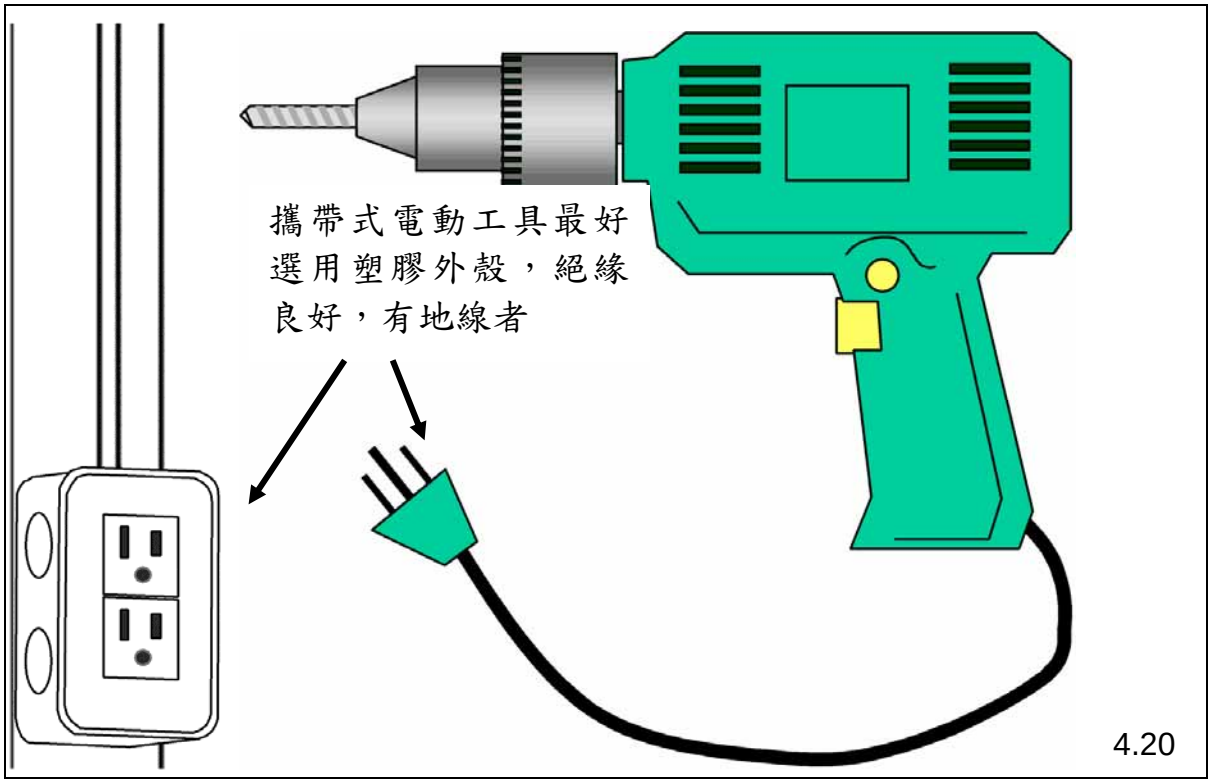
插頭、線路等應經常檢視，表面如有破皮、高溫碳化等狀況應立即更換

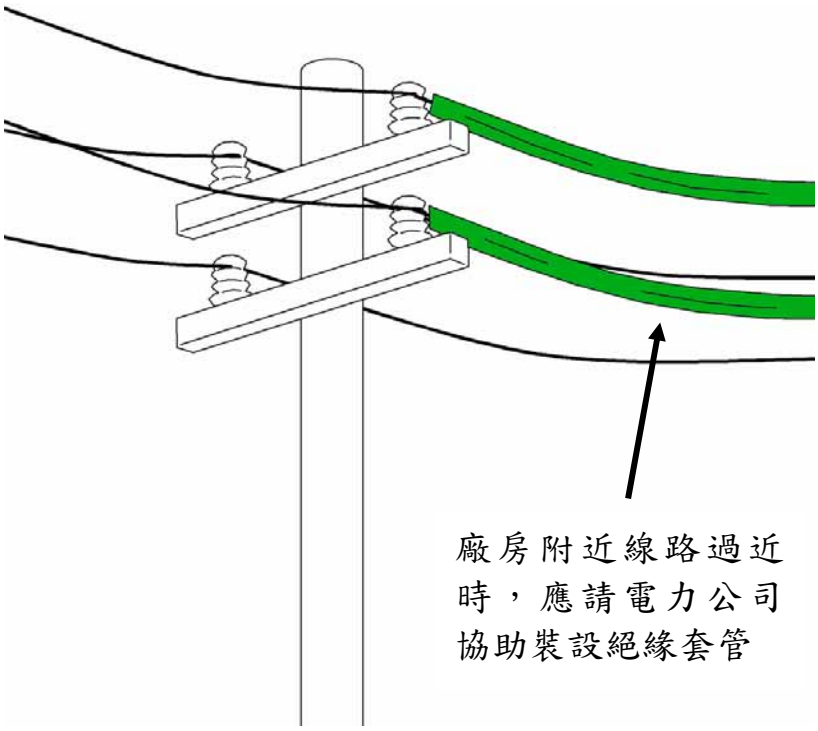
4.16


插頭內股線未適當扭絞，易突出插頭造成感電。地線未接妥可能漏電時外殼帶電，造成危險
插頭內部接線常因股線突出造成短路
4.17


配有地線之電源線應使用有地線之插頭
插頭內部電線應鈕絞妥當，避免線頭突出，銅線裸露長度不應過長
4.18


攜帶式電動工具如為金屬外殼，如發生內部絕緣破損，將使外殼漏電而使人員感電
4.19


攜帶式電動工具最好選用塑膠外殼，絕緣良好，有地線者
4.20



4.21