

B棟中央監控系統更新工程規範

| 監控設備名稱 | 設備位置 | 控制器 | 數位輸出點 (DO) | | 數位輸入點 (DI) | | | 類比輸入點 (AI) | | | | | 軟體功能 | | | | | | 照景盤 | | | 備註 | | | | | | | |
|---------------------|----------|-----|------------|--|------------|------|----|------------|----|----|------|------|------|-----|--------|--------|--------|--------|--------|--------|--------|----|---|---|----|----------|-----------|----------|----------|
| | | | 開/停 | | 開停狀態 | 過載警報 | 液位 | 油位 | 電流 | 電壓 | 有效功率 | 功率因數 | 頻率 | 匝—時 | 時間程序控制 | 運轉時間累計 | 高低限值警報 | 監控資料記錄 | 動態圖形顯示 | 事件起始控制 | 狀態改變警報 | | 開 | 停 | 故障 | | | | |
| B區電力系統 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. 高壓系統 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) GCB #1盤 | B1F重電機房 | 1 | | | 1 | 1 | | | 3 | 3 | 1 | 1 | 1 | 1 | | | | ★ | ★ | | ★ | 1 | 1 | 1 | | | | | |
| (2) GCB #2盤 | | | | | | | | | 3 | 3 | 1 | 1 | 1 | 1 | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | 含照景盤數字電表 | | | |
| (3) GCB A盤 | | | | | | | | | | | 3 | | 1 | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | 含照景盤數字電表 | | |
| (4) GCB B盤 | | | | | | | | | | | 3 | | 1 | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | 含照景盤數字電表 | |
| (5) GCB C盤 | | | | | | | | | | | 3 | | 1 | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | 含照景盤數字電表 |
| (6) GCB #3盤 | | | | | | | | | | | 3 | | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (7) GCB #4盤 | | | | | | | | | | | 3 | | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (8) GCB #5盤 | | | | | | | | | | | 3 | | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (9) GCB #6盤 | | | | | | | | | | | 3 | | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (10) GCB #7盤 | | | | | | | | | | | 3 | | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (11) GCB #8盤 | | | | | | | | | | | 3 | | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (12) GCB #SC1盤 | | | | | | | | | | | 3 | | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (13) GCB #SC2盤 | | | | | | | | | | | 3 | | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| 2. 低壓系統 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) ACB - MA 盤 | B1F重電機房 | 1 | | | 1 | 1 | | | 3 | 3 | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | | | | |
| (2) ACB - MB 盤 | | | | | | | | | | 3 | 3 | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | | |
| (3) ACB - MC 盤 | | | | | | | | | | | 3 | 3 | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (4) ACB - ML 盤 | | | | | | | | | | | 3 | 3 | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (5) ACB - MM 盤 | | | | | | | | | | | 3 | 3 | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (6) ACB - MP 盤 | | | | | | | | | | | 3 | 3 | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (7) MC2 盤 | | | | | | | | | | | | | 2 | 2 | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (8) ML - B1 盤 | | | | | | | | | | | | | 2 | 2 | | | | | | | | ★ | ★ | | ★ | | | | |
| (9) MP - B1 盤 | | | | | | | | | | | | | 1 | 1 | | | | | | | | ★ | ★ | | ★ | | | | |
| (10) T1E - ACB1 盤 | | | | | | | | | | | | | 1 | 1 | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (11) T1E - ACB2 盤 | | | | | | | | | | | | | 1 | 1 | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (12) T1E - ACB3 盤 | | | | | | | | | | | | | 1 | 1 | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (13) AVR - 1 | | | | | | | | | | | 3 | 3 | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (14) ATS - MC | | | | | | | | | | | | | 1 | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| (15) ATS - MP | | | | | | | | | | | | | 1 | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | |
| 3. UPS 盤 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) UPS - 1 盤 | | | | | | | | | | | 1 | 1 | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | | | |
| 4. UPS - 1 盤 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) UPS - 1 盤 | | | | | | | | | | | 1 | 1 | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | | | |
| 5. 消防系統 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) 消防綜合主機 | 4F中控室 | | | | 2 | 2 | | | | | | | | | | | | | | ★ | ★ | | ★ | | | | 納入B棟4F控制器 | | |
| (2) 消防泵 PF-B1 | B2F消防泵浦間 | 1 | | | 1 | 1 | | | | | | | | | | | | | | ★ | ★ | ★ | ★ | | | | | | |
| (3) 採水泵 PF-B2 | | | | | | | | | | | | | | | | | | | | | ★ | ★ | ★ | ★ | | | | | |
| (4) 撇水泵 PF-B3 | | | | | | | | | | | | | | | | | | | | | | ★ | ★ | ★ | ★ | | | | |
| (5) 灑水輔助泵PF-B4 | | | | | | | | | | | | | | | | | | | | | | ★ | ★ | ★ | ★ | | | | |
| (6) 泡沫泵 PF-B5 | | | | | | | | | | | | | | | | | | | | | | ★ | ★ | ★ | ★ | | | | |
| (7) 撇水泵 PF-B6 | | | | | | | | | | | | | | | | | | | | | | ★ | ★ | ★ | ★ | | | | |

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| | | | 開/停 | 開停狀態 | 過載警報 | 液位 | 油位 | 電流 | 電壓 | 有效功率 | 功率因數 | 頻率 | 匝—時 | 時間程序控制 | 運轉時間累計 | 高低限值警報 | 監控資料記錄 | 動態圖形顯示 | 事件起始控制 | 狀態改變警報 | 開 | | 停 | 故障 | | | | | | |
| (8)消防水池 | | | | | 2 | | | | | | | | | | ★ | | ★ | | | | | | | | | | | | | |
| 6. 給排水系統 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) 揚水泵PW-B1 | B2FA區庫房(近蓄水池) | 1 | | 1 | 1 | 4 | | | | | | | | | ★ | ★ | ★ | ★ | ★ | | | | | | | | | | | |
| (2) 污水泵PS-B1 | B2F景片區(近樓梯A廁所後方) | | | 1 | 1 | 2 | | | | | | | | | | ★ | ★ | ★ | ★ | ★ | | | | | | | | | | |
| (3) 污水泵PS-B2 | B2FA區庫房(近樓梯B廁所後方) | | | 1 | 1 | 2 | | | | | | | | | | ★ | ★ | ★ | ★ | ★ | | | | | | | | | | |
| (4) 污水泵PS-B3 | B2F空調主機房 | | | 1 | 1 | 2 | | | | | | | | | | ★ | ★ | ★ | ★ | ★ | | | | | | | | | | |
| (5) 污水泵PS-B4 | B2F布景庫房(近樓梯C) | | | 1 | 1 | 2 | | | | | | | | | | ★ | ★ | ★ | ★ | ★ | | | | | | | | | | |
| (6) 污物泵PS-B5 | B2F景片區(近樓梯D) | | | 1 | 1 | 2 | | | | | | | | | | ★ | ★ | ★ | ★ | ★ | | | | | | | | | | |
| (7) 污物泵PS-B6 | B2F木工廠 | | | 1 | 1 | 2 | | | | | | | | | | ★ | ★ | ★ | ★ | ★ | | | | | | | | | | |
| (8) 污水泵PS-B7 | 1F儲藏室 | | | 1 | 1 | 2 | | | | | | | | | | ★ | ★ | ★ | ★ | ★ | | | | | | | | | 納入1F控制器 | |
| 7. 發電機(GE1, GE2) | B2F空調主機房 | 1 | | | | 2 | 6 | 6 | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | | | | | | | | |
| 8. 空調配電系統 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) GCB #AC1 盤 | B2F空調主機房 | | | 1 | 1 | | | 3 | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | | | | | | | |
| (2) GCB #AC2 盤 | | | | 1 | 1 | | | 3 | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | | | | | | | |
| (3) ACMP-1 盤 | | | | 1 | 1 | | | 3 | 3 | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | | | | | | | |
| (4) ACMP-2 盤 | | | | 1 | 1 | | | 3 | 3 | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | | | | | | | |
| (5) TIE - ACB4 盤 | | | 1 | 1 | | | | | | | | | | | | ★ | ★ | | ★ | 1 | 1 | 1 | | | | | | | | |
| 9. 照景盤 | 4F中控室 | | | | | | | | | | | | | | | | | | | 34 | 34 | 34 | | | | | 納入空調照景盤之控制器 | | | |
| 合計 | | 5 | | 53 | 51 | 20 | 2 | 78 | 39 | 5 | 2 | 2 | 2 | | | | | | | 34 | 34 | 34 | | | | | | 361 | | |