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| **Customer** | **.** |
| **Project Code / Name** |  |
| **System Details** |  |
| **Date of Visits** |  |

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| **Project Summary / Works completed** |
| * Existing PLC5 Controller, 1366 Drives and brake resistors are removed from the Main Panel and new ControlLogix Controller, Powerflex755 Drives and brake resistors are installed and wiring has been done as per the modified electrical schematics. * Existing Flex IO DeviceNet adaptors for remote IO Modules have been replaced with new Dual Port Ethernet modules in both main panel and remote IO panels. * Existing DeviceNet communication adaptor in SBV Panel has been replaced with new ETAP module for Ethernet communication. * Network cable has been laid by CUSTOMER NAME and Ethernet cables are plugged to the newly replaced modules as per the system architecture to form the ring topology. * Existing PLC5 Controller Program and 1366 Drives for lifter and slew motor parameter has been uploaded and default/machine configuration values compared with the new program/parameter files. * Existing machine configuration values has been retrieved and used in the new program database. * Panel has been powered up and 1756-L72 controller firmware has been updated from 30 to 32. * Migrated PLC Program/parameter files has been downloaded to 1756-L72 ControlLogix Controller and PowerFlex drives. * DeviceNet communication between PLC, Lifter encoder and slew encoder has been established and found working properly. (Note: During testing DeviceNet network communication had some issues like when the lifter motor starts to run the encoder will get disconnected from the DeviceNet network, which is analysed and found due to the improper earthing/grounding issue, the same was rectified. Refer ICP\_PR\_1275\_PH\_Investigation\_Report document from ICPro for details. * Slew Motor operation has been tested in manual mode and the same logic has been disabled in PLC Program as per the customer requirement. |

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| **Project Summary / Works completed** |
| * Full System functionality was tested as per the SAT procedure and customer AOQ document and found working satisfactorily. * Overall Installation & Commissioning has been completed successfully and all the project backups (Electrical Schematics, PLC Program, Drive Parameter Configuration file, SAT) have been handed over to CUSTOMER NAME. |

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| **Comments / Feedback / Action Items** |
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| **Sl. No** | **Representative** | **Company** | **Signature & Date** |
| 1 |  | CUSTOMER NAME |  |
| 2 |  | CUSTOMER NAME |  |
| 3 | Engineer Name | ICPro |  |