



CONTROL SYSTEMS ENGINEERING

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| Client | Title of Project | DCS Model | Total I/Os | Year |
|------------------------------------|---|-----------|------------|---------|
| Sitara Chemical Industries Limited | BMR-II 210T/D Ion Exchange Caustic Soda Project | JX-300XP | 768 | 2006 |
| Sitara Peroxide Limited | 40,000T/Y Hydrogen Peroxide DCS Project | JX-300XP | 354 | 2007 |
| Dewan Salman Fiber Limited | 80T/H Boiler DCS Project (Replace ABB system) | JX-300XP | 196 | 2008 |
| Sitara Chemical Industries Ltd | Unit #1&3 of Caustic Solidification DCS Project (Replace Honeywell) | JX-300XP | 560 | 2008 |
| PAKITEC BOARDS (PVT) LTD. | Pakistan 30,000 T/Y Formaldehyde | JX-300XP | 240 | 2008 |
| Bestway Cement Limited | Complete 3300 T/D Mustehkam Cement DCS Project | ECS-100 | 7500 | 2008 |
| Chashma Nuclear Power Plant | C2 Power Plant DCS Project | ECS-100 | | 2008-9 |
| Fatima Sugar Mills Limited | FFE, RE & Liquor System Automation | JX-300XP | 244 | 2008-9 |
| Suraj Fertilizer Limited | 220 T/D Sulfur Acid Project | JX-300XP | 200 | 2008-9 |
| Sitara Chemical Industries | Ammonium Chloride Project | JX-300XP | 200 | 2009 |
| Fine Gas Limited | Air Separation Project | JX-300XP | | 2009 |
| KAPCO | Fault Diagnosis System Project | JX-300XP | 80 | 2009 |
| Sitara Chemical Industries Ltd | M-IV 167T/D Ion exchange caustic soda with VMS | JX-300XP | 1150 | 2010 |
| Sitara Chemical Industries Ltd | Caustic Solidification Plant Unit IV | JX-300XP | 194 | 2010 |
| Engro Chemical Limited | 60,000T/Y PVC DCS Project - Services only | | | 2010 |
| WAPDA Faisalabad Power Plant | WAPDA Faisalabad 8*25MW Power Plant | ECS-100 | 5776 | 2010-11 |
| ITTEHAD Chemical Ltd | VMS & Load Management System | JX-300XP | 166 | 2011 |
| PAEC | Utility Control | JX-300XP | 206 | 2011 |
| FARUKI Pulp Mills Ltd | Complete 200 T/D Pulp Plant Automation project | ECS-100 | 3100 | 2011-12 |
| WAPDA KOTRI POWER PLANT | 174MW Turbine Up-gradation Project | ECS-100 | 5952 | 2011-12 |
| Chashma Nuclear Power Plant | C2 & C3 Power Plant | ECS-100 | | 2012 |
| Olympia Chemical Limited | Coal based 1* 75 T/D Boiler DCS Project | ECS-100 | 704 | 2012 |
| Hattar Chemical Plant | Complete Plant Automation Using SUPCON DCS | ECS-700 | 27840 | 2012 |
| Olympia Chemical Limited | 10 MW Turbine for CFBB | ECS-100 | 215 | 2013 |
| Nimir Chemicals Ltd. | New Fatty Acid Plant with SNP unit | JX-300XP | 494 | 2013 |
| Sitara Chemical Industries Ltd. | 200 tpd Caustic Soda new plant | JX-300XP | 844 | 2013 |
| Shakarganj Sugar Mills Ltd. | 35 T/h High Pressure Boiler + 3 MW Turbine | JX-300XP | 222 | 2013 |
| Ittehad Chemicals Ltd. | 75 tpd Caustic Soda Plant - IEM-II | JX-300XP | 956 | 2014 |