

4. Electric motors, gear reducers, and other self-contained or enclosed components shall have an acrylic enamel finish and shall comply with relevant sections of this document.
5. All stainless steel parts shall be fully submerged into a pickling bath for at least 8 hours to remove discoloration from weld imperfection, to restore the molecular composition and to reliably protect the stainless steel against corrosion. Glass bead or sand blasted, brushed or otherwise treated stainless steel shall not be allowed.
6. Fabrication shall be done in compliance with all applicable DIN/EN standards or equivalent international standards.
7. All welding in the factory shall use shielded arc, inert gas, MIG or TIG method. Filler wire shall be added to all welds to provide for a cross section equal to or greater than the parent metal. Butt welds shall fully penetrate to the interior surface and gas shielding to interior and exterior of the joint shall be provided.
8. All welding is performed in accordance with DIN 18.800 – 7 Class D and EN ISO 3834-2:2005 (EN 729-2).
9. Bolts, nuts and washers shall be selected from AISI 316 Stainless Steel such that they are anti-seizing.
10. Manufacturer shall have at least 100 screens of similar type and size installed and in successful operation. Moreover the manufacturer shall have a proven record of providing this type of equipment to the GCC area for at least five years and shall provide reference certificates of at least five projects/sites where such screens are installed and in successful operation for more than two years.
11. Screen(s) shall be Manufacturer's standard product and only modified as necessary to comply with the drawings, specifications, and specified service conditions.
12. Manufacturer shall provide screen, motors, gear reducers, controls, control panels, and lifting attachments as a complete integrated package to ensure proper coordination, compatibility, and operation of the system.