

- c. Field assembly and sequence of erection.
- d. Location of shorings.

1.1.4.4 Mock-Up

- A. Apply a complete coating system to a panel of the same material as that on which the coating will be applied and submit for approval for each colour specified.

1.1.5 Quality Control

- A. Prior to dispatch of any product and/or material from source, the Contractor shall notify the Engineer in writing in sufficient time to allow the Engineer the opportunity to inspect and test the product and/or material prior to delivery in accordance with Section 01400 of the specification.
- B. Products and materials shall be from a manufacturer/supplier that operates a quality system, which is registered to ISO 9000 series or approved equal.
- C. To allow the Engineer to inspect the Works the Contractor shall give the Engineer a minimum of 24 hours' notice of carrying out the following activities on site.
 - 1. Commencement of fabrication and erection of structural steelwork.
 - 2. Application of protective coating.
- D. Only qualified personnel thoroughly familiar with the fabrication, erection and protection of structural steelwork shall carry out the work.
- E. All welders and welding operators shall pass a qualification test carried out in accordance with BS EN ISO 9606-1.
- F. Non-destructive testing operators shall be qualified in accordance with BS EN 473 and the qualification certificates shall be available for review and approval by the Engineer.
- G. As a minimum requirement, the following inspection and test equipment shall be used by the Contractor and shall always be available during all stages of protective coating operations.
 - 1. Hand held and contact thermometers.
 - 2. Whirling hygrometer.
 - 3. Dew point calculation charts.
 - 4. Wet and dry film thickness instruments.
 - 5. Holiday detection test equipment.
 - 6. Adhesion test equipment.