manufacturer's test number and consignment number and other applicable data that will identify each coupler with the certificate issued for that consignment.

F. The Contractor shall provide certificates confirming that samples taken from the couplers delivered to the Works pass all the tests required by this specification. The frequency of sampling and the method of quality control shall be in accordance with British Standards and agreed with the Engineer prior to commencing.

G. The minimum on site testing requirements are as follows:

1. Prior to installation in the permanent works, 3 tests of each coupler size and type to be used are to be completed by an approved independent testing laboratory with results submitted for review and approval by the Engineer. Failure of any one of these tests will result in the immediate testing of no less than 25 couplers from the failed batch to determine if manufacturing defects exist.

2. Once initial testing is successfully completed and couplers are approved for use in the permanent works 1 sample for every 200 couplers of each coupler type. If one coupler test fails 25 from the failed batch must be tested immediately to determine if a manufacturing defect exists in the current delivery. The subsequent rate of testing will then be reassessed.

H. The Engineer reserves the right to inspect, sample and instruct testing of the coupler assemblies upon its arrival at the work site. All such sampling and associated testing costs shall be borne by the Contractor.

2.2.5 Accessories

A. Tie wires shall be 1.6mm diameter soft annealed steel wires. For epoxy-coated reinforcement, this shall be PVC coated.

B. Steel chairs, bolsters and bar supports shall be of sufficient size, shape and strength to provide adequate support to steel reinforcement during placement of concrete.

C. Spacers shall be made of concrete, plastic or other material as approved by the Engineer. Concrete spacers shall have the same or greater strength as the surrounding concrete and have an embedded plastic coated tie wire.