Title - **CONTROL OF STEEL AND CEMENT CONCRETE WASTE**

1.0 **PURPOSE**
   
   To control wastage of steel and cement at project sites of EPI.

2.0 **SCOPE**
   
   Project sites of EPI.

3.0 **RESPONSIBILITY**
   
   Site / RO In-charge

4.0 **PROCEDURE**
   
   4.1 Steel and cement concrete wastes get generated at project sites due to normal construction activities.

   4.2 Steel and cement at project sites may be supplied under arrangement of EPI or may be arranged directly by the contractor as per terms of contract or may be supplied by client as free issue.

   4.3 This procedure primarily applies to project sites where steel and/or cement is supplied by EPI. For other project sites the contractors shall be suitably advised for similar actions to ensure conservation of resources.

   4.4 Site in-charge is responsible to ensure control over steel and cement consumption at project site in relation to actual anticipated consumption as per design.

   4.5 Usage of steel shall be planned and executed by site in-charge to minimize wastage. As and when smaller length pieces of steel are available to meet the requirement, the same shall be used rather than cutting from long pieces. This requires effective control and monitoring by site in-charge.

   4.6 Release of cement to labor/contractor shall be controlled by the site in-charge on daily consumption basis.

   4.7 Preparation of cement concrete shall be restricted to anticipated daily usage.

   4.8 Handling and usage of cement concrete shall be controlled to prevent spillage and wastage.

   4.9 On completion of project, surplus steel shall be removed from the site and disposed off as per instructions from Corporate/Regional office. Steel waste shall be disposed off by the site in-charge to the best advantage of EPI.

   4.10 Record of supply, consumption and wastage of steel and cement shall be maintained at project site and report sent to RO In-charge as per Environmental Management Programme.
5.0 RECORDS
5.1 Supply, consumption and wastage of steel and cement report.
5.2 Disposal of surplus and waste steel and cement records.

6.0 REFERENCE
6.1 Clause 4.4.6 of ISO 14001:2004
6.2 Procedure EPI/GEN/P/09 Objective Targets &EMP
6.3 Environmental Objectives & Targets EPI/OT/P/01
6.4 Environmental Management Programme EPI/EMP/P/02