

Saurashtra Cement Limited

Ranavav, Porbandar, Gujarat

Saurashtra Cement Limited is an industrial unit and is a flagship company of Mehta Group, pioneer in the business of manufacturing cement and clinker since its inception in the year 1956. Being an environment conscious organization, Saurashtra Cement Limited is committed for sustainable waste management.

The significant actions / initiatives taken by Saurashtra Cement Limited under the following heads are:

A. Waste management in the offices:

Office stationery wastes, these are disposed off into dustbins conveniently placed in various places in the works. These are daily emptied by a waste collector. Canteen food wastes and food left overs are utilized for making bio fertilizer.

B. Segregation of waste collection:

Segregation at source is the key to proper disposal and reduction of rejects being landfilled or incinerated. We have provided separate bins of different colours for various types of wastes in the plant so that these wastes should not mixed together and ensuring their safe disposal as per the environmental laws.

C. Solid waste management (including e-waste):

Solid wastes or spills from process lines at various stages are reprocessed in the cement manufacturing. The dust collected from different air pollution controlling devices and fly ash generated from captive power plant is reused in cement manufacturing process. The metal scraps of various types, which includes worn out shafts, bearings, metal plates, metal filings, etc. These are separated according to metal types and sold to scrap dealers for further reprocessing. Other wastes generated from plant maintenance like old tarpaulins, wooden scraps are sold to scrap dealers for recycling.

For e-waste, we are separating these from other wastes and storing it in a designated separate place and disposing through the State Pollution Control Board registered vendors/recyclers only.

D. Hazardous waste management:

Saurashtra Cement Limited is committed to reduce the quantity of hazardous waste at its source or to recycle or reuse the materials for some other productive use. For the storage of hazardous waste like used oil / waste oil, we have a well-covered storage yard with good ventilation, concrete floor with leachate collection system. For the hazardous waste which cannot be recycled / reused, we are disposing through registered re-refiners / actual reusers.

E. Recycling and reuse of waste:

The company pursues the policy of three R's - Recycle, Reduce and Reuse for managing its waste. By doing this, it reduces the use of new virgin natural resources and the associated environmental costs and it reduces unnecessary landfill of valuable materials that can be recycle and reused. At the same time, it provides a safe and effective use of the wastes. We are increasingly evaluating and using alternative materials for raw materials and fuel in the cement manufacturing process. We, at Saurashtra Cement Limited, are reusing petcoke, fly ash, slag from blast furnace, Iron sludge, Chemical gypsum and other wastes as an alternative fuels and raw materials in our cement manufacturing.

F. Industry participation in construction of Public / Communities toilets:

(i) Spent Rs.7.67 lakhs in constructing 59 toilets in the year 2015-16.

(ii) Total budget of Rs.21 Lakhs is approved for the year 2016-17. Out of this, work of constructing 40 toilets at a cost of Rs. 7 lakhs is in progress. The second phase of constructing 80 toilets at a cost of Rs. 14 lakhs shall commence soon after completion of first phase.

G. Industry's role to effect behavioral change regarding healthy sanitation practices:

H. Industry's role in Generating awareness about sanitation and its linkage with public health:

I. Industry's role in Eradication of Manual Scavenging & Elimination of open defecation:

(Common reply for the point G, H & I)

After handing over toilet to concerned party/user, we conduct awareness program on sanitation, how open defecation affects health, maintenance and usage of toilet properly etc. We regularly visit villages where we provided community toilets, we appreciate them as they use toilet facility and encourage to keep improving sanitation in surrounding areas in order to maintain good health of people and environment.

J. Planting trees in offices complex:

In its endeavor towards environment, Saurashtra Cement Limited have an annual tree plantation targets for plants, mines and for nearby areas of its cement plant. It not only reduces pollution but also helps conserve the mineral resources. The vacant spaces in the mines and the cement plants are being utilized for the purpose of planting of trees. Wide variety of plants including flowering, shady, fruit bearing, forest plants etc. are grown to maintain flora and fauna. To maintain natural diversity green belts are developed inside plant premises as well as residential premises.

Till date, we have developed green belt in around 12.34 ha of land in the plant. Similarly, 14.46 ha of land area have been developed as a Green belt in the mines. Total around 2.5 lakh of trees have been planted in plant premises, mines and nearby areas.