



# EHS SAMBAD

(A QUARTERLY E- NEWS LETTER  
ON ENVIRONMENT, OCCUPATIONAL  
HEALTH & SAFETY)



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## 'Forests: Nature at Your Service'

The United Nations Environment Programme (UNEP) has named India, for the first time, as the global host of World Environment Day 2011 (WED) on June 5, for "embracing the process of a transition to a Green Economy." This year's theme 'Forests: Nature at Your Service', underscores the intrinsic link between quality of life and the health of forests and forest ecosystems.

Environment protection has always been a prime concern of OCL, which has institutionalised its efforts dedicated to Environment protection. The company organised an "Environment Awareness and tree plantation programme" on 22.06.2011 in Line-2. Chief Guest Sri S.K.Swain, Regional Chief conservator of Forests, Rourkela Division, hoisted the GO GREEN flag on the occasion and all employees took oath to protect the natural environment. In his address WTD emphasised on acute shortage of drinking water day by day and highlighted on various initiatives taken by OCL, on the concept of REDUCE, REUSE & RECYCLE.



He appealed to all employees to join hands in GO GREEN movement. During the day 1000 employees, colony children and ladies planted trees at cement unit (Line 2) and Lanjiberna mines.

Prizes were distributed by the chief guest to the winners of the "competitions on World Environment Day" on best slogan, best poster, best essay, quiz and street play held for employees and school children. Prizes were also distributed to colony ladies for the competition on making items "Best out of waste".



## EHS Events

### Environment awareness competition on 5<sup>th</sup> June'11



Quiz competition organized among the employees



Poster competition organized among school children

### Surveillance Audit on EMS 13 -14 June11 & on OHSMS 28 -29 June11



Opening meeting (EMS) audit



Opening meeting (OHSMS) audit



OHSMS audit in progress

### Fire mock drill exercise



Fire Mock drill in progress



Fire Mock drill in progress



**Environment Awareness and Plantation Programme on 22 June 11**



**Flag hoisting by Chief guest**



**Oath taking by employees and school children**



**Prize distribution by Chief Guest and WTD**



**Tree plantation by Chief Guest**



**Tree plantation by WTD**



**Tree plantation by DED (Mfg.)/C**



## *EHS Events*



**Tree plantation by School children**



**Tree plantation by employees in mines**

### Reduce, Reuse & Recycle

Sewage Treatment Plant (STP) of capacity 1800 kilo litre per day inaugurated by Sri S.K.Swain, Regional Chief conservator of Forests, Rourkela Division on 22<sup>nd</sup> June 2011, for treatment of sewage and recovery of treated water for green development.



**Inauguration of STP by chief guest**

**Reuse the past  
Recycle the present  
Save the future!!!**



## Energy policy

In line with the need of the hour, OCL resolved to work continuously to reduce consumption of energy. Accordingly, an Energy Policy has been approved by WTD for adoption.

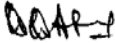
### **ENERGY POLICY**

We, at OCL INDIA LIMITED, are committed to continually improve sustainable energy performance in all our activities, products and services so as to reduce Green House Gas Emissions resulting from generation and/ or consumption of energy.

To accomplish this, we shall:

- identify areas for improvement through internal and or external energy audits and take measures to improve specific energy consumption
- monitor and control consumption of various forms of energy through energy management system
- adopt energy efficient technology in new project (s)
- promote energy conservation awareness amongst stake holders to nurture and sustain energy efficient practices

OCL INDIA LIMITED  
01<sup>st</sup> April, 2011

  
D.D. Atal  
Whole Time Director

### **Remember the days of next quarter (July to Sept) relating to environmental awareness:**

**1<sup>st</sup> to 7<sup>th</sup> July - Van Mahotsava**  
**5th July - World population Day**  
**28th July - World Nature Conservation Day**  
**16th September - World Ozone Day**  
**28th September - Green Consumer Day**



**UP DATE OF REGULATIONS:**

**A. Stipulation of additional conditions in respect of Mega Projects already granted Environment clearance**

Ministry of Environment and Forests, Govt. of India vide their Office Memorandum dated 6<sup>th</sup> April 2011 have announced inclusion of additional conditions in respect of Mega Projects namely, (1) coal based thermal Power plant with capacity of 500 MW and above, (2) Integrated steel plant with capacity of 1 million TPA and above and (3) Cement Plant of capacity of 3 million TPA and above, which have already been accorded environmental clearance, besides effectively complying with the conditions stipulated in the environmental clearance issued to the respective projects, shall also comply with the following additional conditions:

- (I) Continuous monitoring of stack emissions as well as ambient air quality (as per notified standards) shall be carried out and continuous records maintained. Based on the monitored data, necessary corrective measures as may be required from time to time shall be taken to ensure that the levels are within the permissible limits. The results of the monitoring shall also be submitted to the respective Regional office of MoEF regularly. Besides, the results of monitoring shall be put on the web site of the company in public domain.
- (II) The six monthly monitoring report as well as the monitoring data on various parameters as stipulated in the environment clearance conditions shall be put on the web site of the company and also regularly up dated. The monitoring data shall also be submitted to respective State Pollution Control Board / UTPCCs and the Regional office of MoEF.
- (III) The ambient air quality data as well as the stack emission data will also be displayed at public domain at some prominent place near the main gate of the company and up dated in real time.

**B. Enactment of e-waste (Management and Handling) Rules 2011**

Ministry of Environment and Forests, Government of India vide Notification date 12<sup>th</sup> May 2011, announced formation of the following Rules:

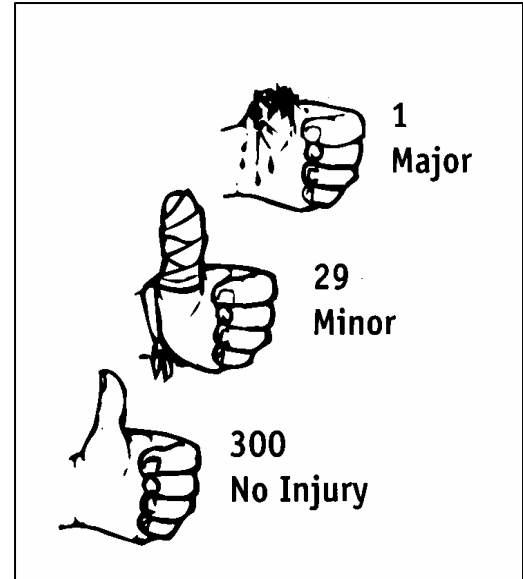
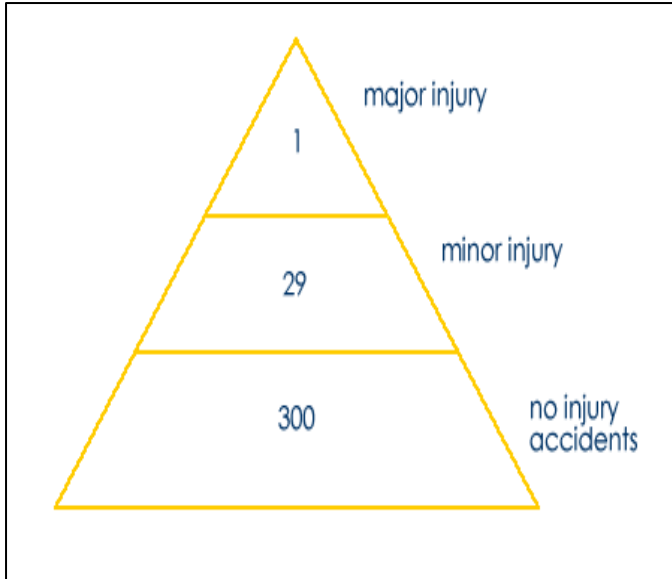
- (1) These rules may be called the e-waste (Management and Handling) Rules 2011.
- (2) They shall come in to effect from 1<sup>st</sup> May 2012.

The details of the Rule may be down loaded from the Ministry's website <http://www.moef.gov.in>



**Accident pyramid**

Heinrich (1959), a safety engineer in America, used statistics in the 1920s to construct the "accident pyramid". His description of the relationship between major, minor and no-injury accidents was an attempt to show how important the injury potential is in the process of accident prevention.



**REMEMBER THE FOUR LINK CHAIN**

**Fault of person → unsafe acts/conditions → Accidents → Injury/Damage**

**Analyse every accident:** Big, small and even non-injury one, establish the root cause, and take suitable action to prevent recurrence.

**DO NOT USE MOBILE PHONE WHILE DRIVING AND WHILE WORKING AT HEIGHT. TALKING ON PHONE DIVERTS YOUR ATTENTION WHICH MAY LEAD TO A MAJOR ACCIDENT.**



## Rainy season safety and care

Many of us have fond memories of the rains from our growing up years -- impromptu holidays from school, splashing about in muddy puddles, or maybe simply getting wet in a pouring shower. Like you, your little one will love the rains, the fresh new leaves on the trees, the smell of the damp wet ground, and perhaps a little scared of the thunder and lightening which accompany the rain many a time. But with all the joyous moments, the rainy season also brings with it humid weather, flooded roads, mosquitoes, diseases, and lots more. With a little care and forethought you can let your child enjoy this beautiful season and also keep him safe from illnesses.



### **Common illnesses**

This is the time when contagious diseases are on the rise. Your child is especially vulnerable to infections because he is still developing his immune system.

#### **Dengue**

Avoid dengue by cleaning or throwing away all potential breeding ground for mosquitoes since mosquitoes can breed in the stagnant waters.

#### **Viral infections**

Avoid close contact with someone who is suffering from a viral infection or conjunctivitis. Children are especially vulnerable to weather changes and infections, so keep them at home for a few days if you know that their playmates are suffering from an illness. Cut their nails regularly and do not allow them to put their hands into their mouths. Make sure they wash their hands with soap before eating anything and after visiting the toilet.



#### **Diarrheal diseases**

Flooding, which commonly occurs during the rainy season, can contaminate water sources. Thus, ensure safety of your drinking water by boiling it to avoid diarrhea.

#### **Respiratory illnesses**

Cover your mouth and nose when sneezing or coughing. Practice frequent hand washing with soap and water. Avoid crowded places where transmission of infection is highly probable.

#### **Food and drink**

Contaminated food or water is the most common way many diseases spread in the monsoon. Make sure your toddler drinks only filtered or boiled water. Avoid giving him "fresh" fruit juices, drinks with ice, food and drinks from street vendors like chats, golgopa and "dirty ice cream". If you eat outside, choose a restaurant which is clean and hygienic and opt for dishes which are boiled and served fresh.



Use filtered water for cooking, steaming rice, and for washing vegetables, fish, and meat. Clean leafy green vegetables several times over in filtered boiled water and steam them to get rid of any germs and bacteria. Soak green leafy vegetables as well as vegetables like cauliflower and broccoli in warm water containing 1 tsp of salt for about 10-15 minutes to get rid of insects. Don't keep raw meat and fish products at room temperature for along time, always refrigerate or freeze. Bacterial growth increases rapidly during hot and humid weather.



As much as possible, ensure that you eat fresh food; prepare it in small quantities so that you do not need to store it in the refrigerator for very long. Food stored in the refrigerator needs to be heated thoroughly before eating.

Take your household into account. Make sure your maid washes her hands and feet thoroughly as soon as she enters your home. If you have a cook, ensure she washes her hands before handling any food and check regularly if her nails are trimmed. Ensure that all cooked food is covered to keep away from flies and other insects.

### ***Home and surroundings***

Air your home frequently and keep windows open for maximum cross ventilation. Dispose of garbage hygienically in garbage bags that will not open and spill out. Keep the kitchen dustbin covered at all times so that wet garbage like vegetable peels and food waste are not left exposed.

If you have indoor plants, ensure that there is no water logging and change water in the flower vases everyday. Use insect repellents to get rid of mosquitoes and other insects; you may want to opt for herbal repellents like citronella-based oils or sprays. Use mosquito nets over your child's bed or install wire screens on the windows. Dress him up in long-sleeved shirts and pants, especially when he goes outdoors to play.



Keep your home fresh and clean and use a good disinfectant to clean the floors and bathrooms. Get pest control for your home to ward off flies, mosquitoes, cockroaches, termites, and other disease carrying insects.

### ***Child safety and other tips***

- Ensure that your child is always supervised when he goes out, even to the playground, especially while walking on roads that usually have deep potholes and many open manholes during the rainy season.
- Your toddler can get pretty bored sitting at home when it is raining outside. Think up some indoor games that can keep him occupied, such as hide and seek, drawing, and dancing to some fun music.
- Invite children from your neighborhood for a play date at your house so he can have some company. Help them make paper boats, put on their rain boots and raincoats and float the boats in the puddles outside your building. And after they run out of things to do indoors, make some hot chocolate milk and let them have a rainy day tea party.



*The rainy season can be an enjoyable one. A few sensible precautions and a little extra care can make this season an extremely fun time of the year for your child.*

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