

SYNOPSIS OF SAFETY FILMS

1) SAFE DRIVING FOR TRUCK DRIVERS (HINDI ONLY) (CODE NO.52006)

The DVD on Safe Driving is professionally produced by the Council in collaboration with LPA and sponsored by Eicher Motors Ltd. The film is in Hindi with duration of 22 minutes. The film highlights several aspects of safe driving of heavy goods vehicles. The DVD covers pre-operational checks; 2- and 4 seconds rules of safe distance; driving in rain and on hilly roads; importance of road signs- mandatory, cautionary and informatory; emergency information panel for the vehicles transporting dangerous goods; correct methods of overtaking and reversing; hazards of combining drinking and driving; etc. The film also emphasizes the importance of taking rest pauses or breaks during long drives and maintaining correct posture of the driver while driving. The lead protagonist of the film is a driver sharing his personal experience of a road accident. This has a strong emotional appeal on the viewer which stresses that one accident is enough to ruin the life of a driver. A strong AIDS Message is also conveyed in the film. The film would be found useful for increasing safe driving awareness among all goods vehicle drivers.

Source : Produced by the National Safety Council in collaboration with LPA and sponsored by Eicher Motors Ltd.

2) RASTA FOR 2 & 4 WHEELERS (HINDI & ENGLISH) (CODE NO.52007)

The film in Hindi and English addresses safety issues on road and describes the role of drivers (2 & 4 Wheelers) in prevention of accidents while driving. Dos and Don'ts while driving are lucidly depicted in the film, mostly shot on Mumbai's always busy roads.

3) SAFETY WHILE WORKING AT HEIGHTS AT CONSTRUCTION SITES (HINDI ONLY) (CODE NO.52008)

The film in Hindi, addresses various safety issues at construction sites, and describes roles of workers in prevention of accidents while working at heights. It also emphasizes the procedure of height pass test, proper use of PPE, various fall protection systems, safe working at scaffolds, and safe working on walk ways. Safety in use of ladders and other related issues.

Source : National Safety Council, CBD Belapur, Navi Mumbai 400614

4) SAFETY IN CABLE GALLERY (CODE NO. 52009) (FSW 2013 HINDI)

The DVD is in English with duration of 10 minutes. The DVD covers following topics:
Terms Related To Cable Gallery –Cable Run, Cable Tray, Cable Rack, Cable Trench / Tunnel / Gallery, Cable Shaft/ Risers, Fire Stop, Cable Vaults; Critical Areas Of Cables, Fire Protection In Cable Galleries (Physical & Chemical Protection); Cable Protection (Active & Passive Protection); Active Fire Suppression; Other Safety Systems For Cable Galleries; Consequence Of Fire In Cable Galleries.

The DVD would be found useful for every industry as there are electrical installations at each and every industry and electric fires are common in industries. This DVD will give ideas with respect fire protection and its mitigation.

Source : National Safety Council, CBD Belapur, Navi Mumbai 400614)

5) DESIGN BASIS OF FIRE SAFETY IN INDUSTRIES & COMMERCIAL/RESIDENTIAL ESTABLISHMENTS (CODE NO.52010 ENGLISH ONLY)

This DVD depicts the Design Basis for Fire Safety for various occupancies, including Industrial, Commercial, Residential establishments.

It provides a systematic approach towards fire safety system - starting from identifying the fuel/material and sources of ignition, assessing the fire load and fire hazard classification of the area. The classification of fire, and the classification occupancies as per NBC are illustrated. The basic principles of fire design i.e., prevention of fire while designing, protection of fire by portable and fixed fire extinguisher- the fire detection system, the fire retardant coating, fire barrier etc. and the mitigation systems by emergency preparedness was used for fire design. It has shown to the extent of fire zoning for Industries, the minimum requirement of water, foam, sprinkler systems, earthing systems, the use of fire consequences in designing etc.

The DVD is an useful dig out of National Building Code, the BIS 1641/42, BIS 2190, OISD towards fire design.

6) ELECTRICAL SAFETY AT CONSTRUCTION SITES (CODE NO.52011 HINDI ONLY)

The film opens with shocking depictions of electrical accidents at construction sites. Electricity is a vital motive force that runs all the installations, equipment - in short the site itself. This film shows the highlights of requirement for temporary electrical installations, which acts and rules are to be followed, calculation of the total connected load, qualification of persons and licenses required and validity of licenses for working on electrical installations (for engineers, supervisors, technicians, etc.). It also details importance of Single Line Diagram (SLD), importance of LOTO, CPR (required after electrical shock), PPE required for electrical work, use of electrical resistant rubber mats (to be placed below all electrical panels).

This film covers the 'Hierarchy of Controls' i.e. elimination, substitution, engineering controls, administrative controls and use of PPE. At the end the film gives summary of electrical hazards and their protective measures.

7) SCAFFOLDING SAFETY AT CONSTRUCTION SITES (CODE NO.52012 HINDI ONLY)

Well planned and deployed scaffolding not only saves project time but improves the cost effectiveness of construction, as it allows efficient multi-tasking like, brick laying, RCC work, plastering, painting, façade work, etc. and the deployment of multiple gangs of workers.

This film shows different types of scaffolds used for high-rise structures, different parts of scaffolds, design formula for calculating the load bearing capacity for different type of scaffolds, designing to be done by a qualified/competent person, different standards and rules to be followed, dismantling of scaffold with safety, work permit required for construction and dismantling of scaffold, importance of height pass test and tool box talk and inspection of scaffold.

This film also covers basic safety precautions such as soil inspection, barricading of scaffold area, use of PPE, material inspection. The film ends with Do's and Dont's relating to scaffolding safety at construction sites.

8) LIFTING EQUIPMENT SAFETY AT CONSTRUCTION SITES (CODE NO. 52013 HINDI ONLY)

The film starts with a tower crane accident at a construction site. Material handling at a site is a critical issue which must be approached with caution at all times. This film shows different types of lifting equipment used at construction sites such as Tower Crane, Builder & Passenger Hoist, Mobile crane, Mini-Crane (Monkey Winch), New age and Old age Hydra Crane and precautions to be taken during operation of these equipment. This film also shows different parameters required to be checked during daily, weekly, and third party inspection, precautions while lifting the load, different safety devices required for safe operation of lifting equipment such as Safe Load Indicator (SLI), wind speed indicator, upper limit switch, lightning arrestor, outriggers for mobile crane and New age Hydra, importance of communication between operator and signaller, etc.

9) FIRE SAFETY IN ROAD TRANSPORTATION OF HAZARDOUS MATERIALS (CODE NO.52014 ENGLISH ONLY)

The CD contains diverse aspects related to road transportation of Hazardous Material. It starts with the possible types of accident, the current accident statistics in road transportation, the primary causes of accidents while carrying Hazardous Material and the legislations prevalent to protect loss of human life from accidents. The commentary covers the provisions of the Central Motor Vehicle Rules. This CD unfolds the safety requirements as per Static and Mobile Pressure Vessel Rules, transportation of Gas cylinders, Explosive substances, Petroleum products and Radioactive Substances. The narration also covers the HAZCHEM Code, UN Classification of Goods, the Emergency Information Panel, the TREM card etc. The responsibility of the Consigner, the Owner and the Drivers are also described. The CD concludes with the important safety instructions for transportation of Hazardous Material.

10) FIRE SAFETY EMERGENCY DRILL & EVACUATION (CODE NO. 52015 ENGLISH ONLY)

The CD contains various aspects related to Emergency Drill & Evacuation. The video covers topics primarily, Objective and Frequency of Drill as per various statutes and standards, Types of Emergencies, the Procedure and Planning for drill including Chain of commands, Emergency control centre, Exit routes, Assembly points, Safety Signage's, First aid and Medical arrangements, Communication facilities etc.

It also contains facilities required in Emergency Control Centre, Mock Drill report format, (Off Site Emergencies)

Roles of different Authorities and the evacuation procedure for Mall, hospital, School and Hotels.

This CD unfolds the safety requirements as per The Factories Rules, 1963, CIMAH Rules, 2003, MSIHC Rules, 1989, National Disaster Management Act, 2005, NBC Code Part IV etc. and includes important safety instructions regarding Emergency Drill & Evacuation.

It is useful for all types of Industries, Office Buildings, Malls & Hotels etc

11) PERSONAL PROTECTIVE EQUIPMENT (CODE NO. 52017 HINDI ONLY)

National Safety Council, India has produced this educative film on “**Personal Protective Equipment (Selection, Usage & Maintenance)**”. This film aims at creating awareness about Selection, Usage and Maintenance of Personal Protective Equipment (PPE). It depicts protection of following 7 body parts against workplace hazards through separate illustrations.

Head Protection, Ear Protection, Eye Protection, Face Protection, Respiratory Protection, Hand Protection, Leg Protection

Each illustration contains the scope of protection, its applicability; features, precautions to be taken during usage, and proper maintenance of equipment. It also specifies relevant National Standards for each type of protection so as to provide guidance for selection of right PPE.

This film ends with the following message: PPE is meant to protect you. Choose the right PPE that can protect you from the hazard at your work place. Well Kept, properly worn PPE always ensures your Safety.

* * *