

## **PLAN SCHEMES OF DGFASLI FOR XII FIVE YEAR PLAN (2012-17)**

### **I Title of the Scheme: Strengthening of DGFASLI Organization and OSH in Factories, Ports and Docks**

Proposed out lay 118cr( CW:70.0 Cr.)

\*Proposed as the continued scheme. The scheme was formulated and operated during the 8<sup>th</sup>, Five Year Plan and continued in the 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> plan periods.

#### **Objectives**

- Up gradation of different laboratories of CLI & RLIs by acquisition of high precision and state-of –the art instruments and equipments to act as National Referral Laboratories on occupational safety and health.
- Monitoring of Occupational Safety, Health and Work environment in factories, ports and docks
- Strengthening of enforcement systems in the major ports
- Establishment of a system for collection and dissemination of information on OSH.
- Enhancement of technical capabilities of officers of DGFASLI & State Factories Inspectorates.
- Improvement in Occupational Safety and Health in Ship Breaking Industry.
- Creating awareness on occupational safety and health in various sectors of the economy through training.

#### **Expected Out come**

- Development of occupational safety and health national inventory and connectivity between State Factory Inspectorate and DGFASLI.
- Creation of occupational safety and health information action resource centers Human Resource Development of personnel attached to action resource center
- Dissemination of information through electronic media using the latest information technology for creating public awareness about safety, health and environment.
- Creation of databases containing information on handling of containers and dangerous goods, hazardous installations, inland container depots, minor and intermediate ports, competent persons, panel of doctors in ports etc. Dock Safety division will participate by way of providing raw data collected from the field.

- By acquiring latest IT facilities, e-governance will also get boost as same infrastructure can be used for achieving both objectives.
- To develop a data base containing information on handling of containers and dangerous goods, hazardous installations, inland container depots, minor and intermediate ports, competent persons, panel of medical doctors for various major ports etc. for the benefit of the port users.
- To establish enforcement and advisory system in the Inland Container Depots and ship breaking units located all over the country.
- To establish a system for the provision and regulation of quality and professional standards and quantity of technical experts in the country,
- To carry out expert services such as safety audit, risk assessment, hazard and operability study, environment impact assessment, testing and certification of pressure vessels, firefighting equipment, safety of hoists and lifts, safety in confined space, assessment of effectiveness of ventilation systems and illumination systems, safeguarding of dangerous operations, etc. and eventually to accredit manufacturers facilities for manufacturing safety related equipment and devices, plant and machineries, storage vessels involving hazardous materials such as pressure vessels, cryogenic vessels, etc.
- To formulate suitable policies and programmes for achievement of the objectives of improving the National Productivity consistent with the requirement of safety related aspects by ensuring applicable safety, health and environmental standards in industries, ports, mines, construction and unorganized sectors.
- Developing and adopting comprehensive standards for industrial and port operations, mines, construction and unorganized sectors.
- To monitor adequacy of technical experts and to ensure provision of high standard professional integrity and quality of services to users.
- To develop accreditation procedures and formats for training institutes/ organizations for the purpose of training of supervisors under Section 41-c(b) of the Factories Act, 1948 as well as other programmes such as AFIH Course, Certificate Course in Construction Safety, etc.
- To devise systems and procedures to monitor and record OSH competence on regular basis for individuals and institutes.

**II Title of the Scheme: Development of Regional Labour Institute, Faridabad as National Centre of Excellence in Safety Systems in MSME and Chemical Process Units** Proposed out lay 15.00 Cr

\*Proposed is the modified scheme. Originally the scheme was formulated and operated during the 9<sup>th</sup> Five Year Plan and continued in the 10<sup>th</sup> and 11<sup>th</sup> plan periods with the name as **Establishment of Regional Labour Institute, Faridabad.**

**Objectives:**

- To develop the Institute in area of Occupational Safety and Health to meet the specialized needs of MSMEs and Chemical Process Industry.
- Development of National Training Center, National Research Center and National Awareness Center for carrying out the Technical activities of the Center of Excellence.
- To develop wide spectrum Door-step Facility to impart knowledge, skills and develop awareness among the work-force and owner-managers of MSMEs.

**Expected Outcome:**

- Establishment of specialized Training cum Exhibition Center for the Workers, Owner-Managers of MSME sector.
- Development of Emergency Response Center for providing technical support in the event of chemical disasters in industries.
- Creation of Technical Data Bank and Analysis Center for Chemical Process Industries.
- Development of specialized Awareness Center for the work-force engaged in Chemical Process Industries.
- Creation of occupational safety and health information and action resource center by equipping it with computer hardware and software facilities and also by involving other organizations specialized in the field of safety, health and environment to participate in the project.
- Human Resource Development of personnel attached to the centers.

## **NEW PLAN SCHEME**

### **I. Title of the Scheme: Effective Implementation of Occupational Safety, Health and Environment Systems at Work Place in Manufacturing and Port Sector** Proposed out lay 23.10 Cr.

#### **Objectives:**

- To effectively implement the National Policy on Safety, Health and Environment at work place with special emphasis on the Manufacturing and Port Sector.
- To effectively implement e-Governance in DGFASLI organisation to improve the functioning and effectiveness of the organisation.
- Development of occupational safety and health information system for factories and ports
- Creation of occupational safety and health information action resource centers at five Labour institutes by providing them with computer hardware and software, and video conferencing facilities.
- Creation of databases containing information on handling of containers and dangerous goods, hazardous installations, inland container depots, minor and intermediate ports, competent persons, panel of doctors in ports etc.

### **II Title of the Scheme: Identification, Elimination and Control of SILICOSIS in India.**

Proposed out lay 24.00 Cr.

#### **Objectives:**

- To assess the prevalence of Silicosis in India, especially amongst the workers employed in manufacturing, port, construction and un-organised sectors.
- To develop a system for creating and updating a data base on mortality and morbidity due to silicosis in India.
- To suggest appropriate preventive and control measures for elimination of silicosis at respective work places.
- To generate awareness of Silicosis among the working population as well as employers by imparting health education through various means of communications like seminars, symposiums, workshops, training programmes, mass-media etc.

- To take initiative measures for rehabilitation of the afflicted workers.
- To work out the compensation and its modalities towards the victims of silicosis.

**. Expected Outcome:**

- National level database for policy planning for the safety and health protection and promotion of migrating workers employed in Silica based small and medium scale enterprises would be generated. The data will also be used for performance assessment of Silicosis control program integrated through National Tuberculosis Control Program.
- Sensitization of stake holders to adopt National Policy on Safety Health and Environment in letter and spirit to ensure safety and health protection of weaker sections of society especially the migrant workers engaged in unorganized silica based units.
- Technical assistance to state health department to set up diagnostic centres of international standards and evolve a system of periodic health surveillance of such workers on a regular basis and at par with that made available to workers in large scale industry.
- District tuberculosis control centres would be provided the necessary diagnostic technology to tackle the triple problems of silicosis, Tuberculosis and Silico-tuberculosis. Performance monitoring tools and the data will also be generated.
- Generate adequate numbers of AFIH qualified doctors through increasing the number accreditation of medical colleges to start AFIH courses to maintain the supply chain of qualified medical officers competent to tackle the problems of silicosis and Silico-tuberculosis.

**III Title of the Scheme: Identification, Elimination and Control of ASBESTOSIS in India.**

Proposed out lay 17.60 Cr.

**Objectives:**

- To assess the prevalence of Asbestosis and Asbestos related disorders in small and medium scale units processing Chrysotile asbestos fibers and employing migrant population and falling outside the statutory and social security limits.

- To develop a system of creating up to date data-base on mortality and morbidity due to asbestos exposure in these categories of workers and use it for performance monitoring of the State Government and other social partners.
- To sensitize the stakeholders including the state health service departments for adoption of the necessary diagnostic facilities of international standards which is conspicuous by their absence at present?
- To develop suitable deliverables for raising the general awareness of key stake holders for raising the safety and health standards of these sectors employing such categories of workers.
- To sensitize and extend the AFIH courses to the medical institutions for creating and maintenance of supply chain of qualified Factory Medical Officers as prescribed under the Factory Act and to facilitate adoption of best practices through establishment of Occupational Health Services
- Extending support to the state government for effective enforcement of the health provisions stipulated under section 41F of the Factory Act by equipping them with work environment monitoring technologies.
- To suggest appropriate and low cost preventive and control measures for the control and elimination of disease in the country and improving the work life of potentially vulnerable groups.
- To generate a momentum for responsible care by the key stake holders through public-private partnership and continual improvement in the control technology as envisaged under the National Policy.

**Expected Results / Outcome:**

- National level database for policy planning for the safety and health protection and promotion of migrating workers employed in Chrysotile Asbestos processing small and medium scale enterprises. The data will also be used for performance assessment of the states in the safety and health programs.
- Sensitization of stake holders to adopt SCMC recommendation in letter and spirit to ensure safety and health protection of weaker sections of Asbestos industry.

- Technical assistance to state health department to set up diagnostic centres of international standards and evolve a system of periodic health surveillance of such workers on a regular basis and at par with that made available to workers in large scale asbestos industry.
- Generate adequate numbers of AFIH qualified doctors through increasing the number accreditation of medical colleges to start AFIH courses courses to maintain the supply chain of qualified medical officers competent to tackle the problems of Asbestosis and Asbestos related disorders
- The deliverables generated would be utilized as tools for raising awareness levels of key stake holders for promoting safety and health standards of the vulnerable groups of workers.

**IV Title of the Scheme: Strengthening of Enforcement Systems in Factories - Establishment of Industrial Safety, Occupational Health and Work Environment Centre in the State Factories Directorate (SESSFD)**

Proposed out lay 24.10 Cr

**Objectives/Scope:**

- To Create in Each State a Robust System in Prevention of Industrial Accidents, Industrial Disasters, Workplace Injuries and Diseases
- To Provide Quicker, Easier and Practical Solutions in the Field of Prevention of Industrial Accidents, Disasters, Workplace Injuries and Diseases
- To Disseminate Knowledge and Information to the Users
- To Enhance the Knowledge and Skill of Enforcement Officials

**Scope**

Setting up the following center in each state depending upon the number of registered factories:-

- Safety Demonstration and Lab-cum-Display Centre,
- Industrial Hygiene Laboratory Centre,
- Work Environment Monitoring and Valuation Centre

- In Each State Factories Directorate by Transfer of Funds by DGFASLI to State Factories Directorates and Monitoring its Implementation

**V. Title of the Scheme: Establishment of Regional Labour Institute at Shillong, Meghalaya, for North East Region**

Proposed out lay 90.00 Cr( CW: 60.0 Cr)

**Objectives:**

To establish Regional Labour Institute, at Shillong to cater to the needs of the industries and to promote occupational safety, health and work environment in the north Eastern States /UTs of the country viz. Assam, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura.

**Title of the Scheme: "Strengthening of Enforcement Systems in Port and Docks"**

Proposed out lay Rs.14.00 Crores..

This scheme was proposed in the Report of the Working Group. However since the Objective of the scheme have already been included in the existing scheme Strengthening **of DGFASLI Organization and OSH in Factories, Port Docks.**

Therefore this scheme is proposed to be dropped.