



Training Report On
“Occupational Health and Safety Management
System: OSHAS 18001: 2007”



1.0 Background

The Central Pollution Control Board (CPCB) awarded a training programme to National Institute of Occupational Health, (Indian council of Medical Research), Meghaninagar, Ahmedabad - 380016, to conduct 3 days training on “Occupational Health and Safety Management System: OSHAS 18001:2007” during December 16-18, 2014. In view of the said training programme, the Competent Authority of Central Pollution Control Board has nominated the undersigned to participate the same.

The training programme was aimed to give the broad view and importance of OSHAS to the pollution control boards/committees. The programme was divided into eight technical sessions, one field visit to the industry and the laboratory visit to NIOH Labs. The schedule of the programme is enclosed as **Annexure 1**.

2.0 Inauguration

The training was inaugurated by Shri. Sunil Kumar, Director I/c, NIOH, Mr. Mukul Jain, Sr. Vice President from M/s Cadila, and Dr. R.R. Tiwari, Scientist D, NIOH. The participants from Himachal Pradesh, Orissa, Tamil Nadu, Gujarat, Thane Municipal Corporation and Central Pollution Control Board participated in the said 3 days training programme. The List of participants attended is attached at **Annexure 2**.

3.0 Technical Presentations

Day 1 (December 16, 2014)

Technical Season 1 & 2 was mainly focused to Introduction to Occupational Health and OSHAS 18001:2007, which was presented by Dr. H.G. Sadhu, Scientist E, NIOH and Dr. R.R. Tiwari, Scientist D, NIOH. Mr. Sadhu focused his presentation with reference to importance of occupational safety in the work environment (industry), and its minimum requirement etc. His presentation was good. Mr. Tiwari has presented and given introduction to the occupational health and safety management system requirement.

Technical Season 3 was focused to Occupational Health policies, which was presented by Dr.R.R.Tiwari, NIOH. He explained about existing polices like WHO BOHS, ILO OSH, and National OH Policy. The Basic Occupational Health Services are an essential service for protection of people's health at work, for promotion of health, well-being and work ability, as well as for prevention of ill-health and accidents. The Basic Occupational Health Services (BOHS) provide services by using scientifically sound and socially acceptable occupational health methods through primary health care approach. Also, explained about the steps for orientation and plaining of BOHS, Check list for surveillance of work environment, surveillance of worker's health, assessment of health and safety risks etc.

Technical Season 4 was focused Standard Operating Procedure, which was presented by Dr. P. Sivaperumal, Faculty of NIOH. He focused his presentation with reference to operational controls and standard operating procedures. His presentation was lacking of any case studies, the same was requested by the participants to add.

Day 2 (December 17, 2014)

Technical Season 5 & 6 on 2nd day was focused to Documentation for OHSAS 18001: 2007 and Occupational Health Risk Assessment (HIRA) by Mr. D.N. Andhare, Addl. Professor, IIPHG, Gandhi Nagar. He focused his presentation with reference to documentation and HIRA. His presentation was given a brief idea and importance of Risk Assessment study. He well explained about occupational diseases, Occupational Hazards –Physical, Chemical, Biological, Ingestion, Psychosocial, mechanical, Ergonomic, etc.

In the afternoon visit was arranged to IFFCO, Kalol, to know the implementation of OHSAS. But the trip was not much useful in the viewpoint of OHSAS.

Day 3 (December 18, 2014)

Technical Season 7 & 8 on 3rd day was focused to OHSAS quality manual and Management Review by Mr. D.D. Chhaya, IPCL, Vadodara. He emphasized that OHSAS Standard is based on the methodology known as Plan-Do-Check-Act (PDCA). PDCA can be briefly described as Plan: establish the objectives and processes necessary to deliver results in accordance with the organization's OH&S policy. Do: implement the processes. Check: monitor and measure processes against OH&S policy, objectives, legal and other requirements, and report the results. Act: take actions to continually improve OH&S performance

He shared his experience and emphasized the important roles of OHSAS in industries to minimized and eliminate Hazard. His presentation was good.

The workshop was concluded by a Vote of Thanks & participation certificate distribution to the participants.

4.0 **Conclusion and Recommendations**

1. M/s National Institute of Occupational Health, Ahmedabd is capable of conducting training programme in the set topic. But the limitation of the training module is that it is not clearly focused to application aspect in the labs of SPCBs/CPCBs and to the field work. It was more focused to application in industries. It is felt that the upcoming training programme on this topic may be focused to SPCB/ PCCs lab application.
2. NIOH shall add and share the more case studies, experience in implementation of OHSAS at SPCBs/ PCCs or similar type of organization special focus to environmental laboratories.
3. NIOH has provided good accommodation during the stay.
4. The overall opinion of the training course is good.

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