

OIL INDUSTRY SAFETY DIRECTORATE (OISD)

Oil & Gas industry in India is involved in activities ranging from crude oil exploration, production, refining, transportation upto distribution of petroleum products to the end consumer. At present, all these activities are being carried out by various Public Sector Oil companies under overall administrative control of the Ministry of Petroleum and Natural Gas, Govt. of India as well as private sector. As various petroleum installations were designed on the basis of different technologies / technical collaborations with various foreign companies, there were non-uniformity issues with regard to design & operating philosophies related to safety of these facilities.

With a view to standardize designing and operating philosophies of various plants in the country, Ministry of Petroleum and Natural Gas, Govt. of India in 1986, constituted Safety Council assisted by Oil Industry Safety Directorate (OISD). Chief Executives of all the public sector oil companies, Director General of Factories Advise Service and Labour Institutes (FASLI), Fire Advisor, Govt. of India, Chairman-Central Electricity Authority, Executive Director-Oil Coordination Committee, Executive Director-Centre for High Technology, Joint Secretaries and Advisors in the Ministry of Petroleum & Natural Gas (MOP&NG) are the members of the Safety Council and it is headed by the Secretary, MOP&NG. Oil Industry Safety Directorate (OISD) is a self-regulatory body staffed with personnel drawn from various oil companies on deputation. The functions of OISD encompass Exploration & Production, Refining, Gas Processing, Marketing of products and Transportation.

In exercise of powers conferred by section 8 of Oil Fields (Regulation and Development) Act 1948 (53 of 1948) read with rule 174 of the Petroleum and Natural Gas (Safety in Off shore operations) Rules, 2008, the Central Government has designated Oil Industry Safety Directorate as competent authority to exercise powers and functions as stipulated in Petroleum and Natural Gas (Safety in Off shore operations) Rules, 2008 with effect from 20th June, 2008.

Major functions of OISD are to:

- Oversee the implementation of all the decisions of the Safety Council
- Keep abreast of the latest design and operating practices in the area of safety and fire fighting in the hydrocarbon industry
- Prepare Standards
- Carryout periodic safety audits, review, suggest procedures for improvements and report on the implementation of the recommendations to Safety Council
- Collect relevant information and exchange it with the members of the Oil Industry including information regarding near miss accidents, accidents and disasters occurring in the Oil Industry
- Ensure implementation of all approved codes of practices for Safety, Health and Environment
- Review disaster control procedures and company preparedness
- Review in-plant training programmes with regard to safety

Steering Committee of OISD, comprising of Principal Panelists from the oil industry, meets twice a year under the chairmanship of Executive Director, OISD, to review various activities of OISD. It also suggests development in various activities of OISD so as to improve safety culture in the oil industry.

OISD have so far prepared 111 nos. of standards on various aspects of designing and operations, which are being extensively used by the oil industry. Preparation of these standards involves pooling of knowledge and experience of the industry within the country coupled with latest advancements taking place world over.

In the potentially hazardous petroleum industry, it is essential to effectively manage the 'total system' including the hardware, the personnel and procedures & practices. Safety Awareness of the personnel need to be strengthened to achieve the objective. OISD is giving due emphasis to this aspect and periodically arranges Safety Workshops all over the country for the benefit of the personnel engaged in crude oil exploration & production, refining, transportation and distribution.

The CD-ROM on various OISD Standards has been prepared by Oil Industry Safety Directorate so as the standards can be easily accessible to lower level of the management employees and implemented through out the Oil Industry. The CD is updated every year by incorporating newly inducted standards and amendments effected in existing standards through approval of Safety Council. Though every effort has been made for accuracy of the data, any correction which comes to knowledge of user be brought to the notice of OISD.

This CD has been prepared in PDF format. Any standard can be opened by click command on the Standard No. in the file LIST OF STANDARD.doc. The CD contains the required program of acrobat for ease of reading and printing. The CD-ROM has been made virus free using the latest version of Norton.

This CD will be reviewed periodically for improvements based on the experience and better understanding.

Suggestions from industry members may be addressed to:

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NOTE

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Notes in superscript indicate the modification/changes/addition based on the amendments approved in Safety Council meetings.

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