

A Program in

Safety and Operational Excellence Program (SOPEX)

For ratings of  member lines

Aims

With Indian Ratings gaining grounds in the global scenario and increasingly finding more berths, to ensure retention of their position and further growth, this program aims at reinforcing the practical aspects of risk assessment, safe working practices and enhanced performance related to various tasks Ratings are entrusted with.

Program Objectives

On completion of the program, the candidate will be:

1. Able to list and describe his role and strict do's and don'ts related to key regulatory requirements that are applicable on board like Drug and Alcohol Policies, Security, MLC, Audits and Inspections.
2. Able to describe/demonstrate his commitment to personal safety on board by correct and consistent use of PPE, and active involvement in drills and daily hands on tasks.
3. Able to identify all possible hazards associated with various operational tasks and describe/demonstrate how each one can be safeguarded against and/or mitigated.
4. Able to describe the concept of Behaviour Based Safety and its practical applicability on board vessel. Further he should be able to identify behavioural patterns in himself and his colleagues which are detrimental to safety and environment protection and take remedial measures to correct the situation.
5. Able to list various emergency situations, and clearly describe his role and action in each one of them.



Program Duration: 2 days/12 hours

Target Participants: Deck, Engine and Saloon Ratings



Program Contents

Behaviour Based Safety

- Fundamentals of Behaviour Based Safety.
- Understanding behaviours - that produce 'positive' consequences, and those that result in either no positive, or 'negative', consequences.
- Case studies to identify what is negative behaviour and what constitutes positive behaviour.
- Aspects of effective teamwork, peer motivation, need for precise communications, and dealing with stress situations.

Regulatory Compliance

- Security - Gangway watches and screening of visitors.
- Compliance with Drug and Alcohol policies and awareness of strict personal penalties as per local law(s).
- MLC related complain procedures.
- Role during Audits and Inspections - Effective dealing with inspectors - PSCs, Vetting, etc.

Commitment to Personal Safety and Professionalism

- Reinforcement of usage of PPE.
- Reinforcement of involved participation in safety drills.
- Demonstration of better seamanship skills through improved hands-on involvement.

Operational Excellence

- Enclosed space entry.
- Working Aloft.
- Hot & Cold work.
- Heavy weather.
- Cold Weather.
- Precautions during mooring operations.
- Equipment Operation and Control Mechanisms – Mechanical, Hydraulic, Electrical and Digital Systems, associated hazards and correct operating procedures.

Emergency and Contingency Measures

- Various Emergency and Contingency Situations and Correct Actions:
Flooding, Fire, Oil Spill, Chemical or Hazardous Material Exposure, Injury or Death, Man overboard, Piracy