

Annex 9 Courses and Hours of Safety and Health Education and Trainings specified for Supervisors in charge of Harmful Operations

I. Courses and hours of safety and health education and trainings specified for supervisors in charge of organic solvent operations (18 hours)

No.	Course Name	Hour(s)
1	Laws and regulations relevant to occupational safety and health in organic solvent operations	2 hours
2.	Prevention Rules of Organic Solvent Intoxication	3 hours
3.	Major application and toxicity of organic solvents	2 hours
4	Measurement of organic solvents	2 hours
5	Workplace improvement and safety and health protective equipment for organic solvent operations	3 hours
6	Industrial ventilation installations and maintenance	3 hours
7	Safety and health management and implementation of organic solvent operations	3 hours

II. Courses and hours of safety and health education and trainings specified for supervisors in charge of lead operations (18 hours)

No.	Course Name	Hour(s)
1	Laws and regulations relevant to occupational safety and health in lead operation	2 hours
2.	Lead Intoxication Prevention Rules	3 hours
3.	Major application and toxicity of lead	2 hours
4	Lead measurement	2 hours
5	Workplace improvement and safety and health protective equipment for lead operation	3 hours
6	Industrial ventilation installations and maintenance	3 hours
7	Safety and health management and	3 hours

	implementation of lead operation	
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III. Courses and hours of safety and health education and trainings specified for supervisors in charge of tetra-alkyl lead operations (18 hours)

No.	Course Name	Hour(s)
1	Laws and regulations relevant to occupational safety and health in tetra-alkyl lead operation	2 hours
2.	Prevention rules of tetra-alkyl lead intoxication	3 hours
3.	Major application and toxicity of tetra-alkyl lead	2 hours
4	Tetra-alkyl lead measurement	2 hours
5	Workplace improvement and safety and health protective equipment for tetra-alkyl lead operation	3 hours
6	Industrial ventilation installations and maintenance	3 hours
7	Safety and health management and implementation of tetra-alkyl lead operations	3 hours

IV. Courses and hours of safety and health education and trainings specified for supervisors in charge of hypoxia operations (18 hours)

No.	Course Name	Hour(s)
1	Laws and regulations relevant to occupational safety and health in hypoxia dangerous operations and confined space operation	3 hours
2.	Hypoxia Prevention Rules	3 hours
3.	Hazard prevention and safety and health protective equipment for places of hypoxia hazard	3 hours
4	Workplace measurement for places in hypoxia danger	3 hours
5	Hypoxia accident response and rescue	3 hours
6	Safety and health management and implementation for hypoxia dangerous operations	3 hours

V. Courses and hours of safety and health education and trainings
specified for supervisors in charge of specified chemical substance
operations (18 hours)

No.	Course Name	Hour(s)
1	Laws and regulations relevant to occupational safety and health in specified chemical substance operation	2 hours
2.	Prevention Standards of Specified Chemical Substance Hazards	3 hours
3.	Major application and toxicity of specified chemical substance	2 hours
4	Leakage prevention, workplace improvement and safety and health protective equipment for specified chemical substance operations	3 hours
5	Measurements of specified chemical substances	2 hours
6	Hazards and first aid of specified chemical substance operation	1 hour
7	Industrial ventilation installations and maintenance	3 hours
8	Safety and health management and implementation for specified chemical substance operation	2 hours

VI. Courses and hours of safety and health education and trainings
specified for supervisors in charge of dusty operations (18 hours)

No.	Course Name	Hour(s)
1	Laws and regulations relevant to occupational safety and health in dusty operation	3 hours
2.	Dust Hazard Prevention Standards	3 hours
3.	Dust hazards and measurement	3 hours
4	Workplace improvement and safety and health protective equipment for dusty operation	3 hours
5	Industrial ventilation installations and maintenance	3 hours
6	Safety and health management and	3 hours

	implementation for dusty operation	
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VII. Courses and hours of safety and health education and trainings specified for supervisors in charge of high-pressure chamber operations (18 hours)

No.	Course Name	Hour(s)
1	Laws and regulations relevant to occupational safety and health in abnormal pressure operation	2 hours
2.	Standards for Prevention of Abnormal Pressure	3 hours
3.	Compress air construction method	3 hours
4	Air supply and exhaust	3 hours
5	Abnormal pressure hazards	3 hours
6	Demonstration and practicum of decompression meters	4 hours

VIII. Courses and hours of safety and health education and trainings specified for supervisors in charge of diving operations (36 hours)

No.	Course Name	Hour(s)
1	Preparation and evaluation of diving operation safety plan	4 hours
2.	Gas demand calculation of diving operations	4 hours
3.	Decompression and emergency procedures of diving operations	6 hours
4	Communication and coordination of diving operation	2 hours
5	On-site command and monitoring practicum	4 hours
6	Safety and health management of diving operation	4 hours
7	Prevention, symptom identification and handling of diving diseases	4 hours
8	Scenario simulation and case study of diving operation	8 hours