# MAHARASHTRA STATE  BOARD  OF  SKILL DEVELOPMENT, MUMBAI

| 1 | Name of Course | **Certified Industrial Safety Auditor** | |
|---|---|---|---|
| 2 | Course Code | **(411191)** | |
| 3 | Max. No. of Students Per Batch | 25 Students | |
| 4 | Duration | | 6 Months (fresher) | 3 months (fast –track for working professional) |
| 5 | Type | | Part time | Part-time |
| 6 | No. Of Days / Week | | Classroom/ Online / Blended learning | Daily evening lectures Online Blended learning |
| 7 | No. Of  Hours /Days | | 14 hrs –Sat - Sun | 3 hrs /day 4 days/week- Online Live faculty<br>7 hrs – Sunday/ Classroom |
| | | | | |
| 8 | Space Required | Theory      =  250      sq feet<br>Practical      =   as per requirement | |
| 9 | Minimum Entry Qualification | Graduate in any field with relevant work experience plus<br><br>ADIS/Diploma in Industrial safety/diploma in Fire and Industrial safety<br><br>or 12th pass with 8 year of relevant Industry experience in safety | |
| 10 | Objective Of  Course | Right process results and improvements world-wide are dependent on quality of implementation of world class standards and procedures and replication of best practices.<br>Every biz can produce effective results by using auditors for internal assessments and compliance is a by –product.<br>There is huge gap in availability of skilled and certified auditors for 3rd party audit. This course meets that requirement. | |
| 11 | Employment Opportunity | Employment opportunity: - Industrial Safety Auditor in all type of Industries<br><br>There is dearth of quality of auditors and qualification and certifying body is missing | |
| 12 | Teacher's  Qualification | Degree in Any branch of Engineering Or B.Sc with ADIS and minimum 5 Years' Experience as a Fire & Safety Officer in reputed industries with 2 years in audit. LA(Lead auditor) – 45001 or 14489 is a desirable add-on | |
| 13 | Training  System | **Training System Per Week (average)**<br><br>| Theory | Practical | Total |<br>|---|---|---|<br>| 12 hrs | 12 hrs | 24 hrs | | |
| 14 | Internship | Industry - Construction, Oil & Gas, Infrastructure etc | |
| 15 | OJT /Hands on Training (Industry) | Industry -  Construction, Oil & Gas, Infrastructure etc. | |

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|---|---|---|---|---|---|---|
| 16 | Implant Training | Industry - Construction, Oil & Gas, Infrastructure etc | | | | |
| 17 | Projects | On selected subject | | | | |
| 18 | Seminars | Attend webinar, Exhibition | | | | |

| 19 | Exam. System |
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| Sr. No. | Paper Code | Name of Subject | TH/PR | Hours | Max. Marks | Min. Marks |
|---|---|---|---|---|---|---|
| | | **First Year** | | | | |
| 1 | **41119111** | Industrial Safety Audit - Technical | TH-1 | 3hrs. | 100 | 50 |
| 2 | **41119112** | Industrial Safety Audit - Audit process | TH-2 | 3hrs. | 100 | 50 |
| 3 | | **Assessment – I/ Project** | Grade | . | A | D |
| | | **Total** | | | 200 | 100 |

| 20 | Soft Skill Covered | Spoken English/Interview Training/Grooming/Presentation skill/ Audit skills/ report writing skills |
|---|---|---|
| 21 | Question Bank | • Objective type (Topic wise)<br>• Subjective<br>• Practical |
| 22 | Lesson Plan | • Monthly<br>• Weekly |
| 23 | Demo Plan<br><br>(Skills covered) | • Monthly<br>• Weekly |
| 24 | Occupation Map<br><br>(Scope for Employment) | Safety requirement in all Industries.. |
| 25 | List of Machinery/Equipment/Tool | N.A. |
| 26 | Reference Books/ Website/ On line resources | Reference books by Mr  A K Kulkarni<br>ISO 45001. 19011 and IS 14489<br>NSC publications |

**Assessment methodology**

1. Continuous assessment using workbooks
2. MCQ based assessment at topic level
3. Descriptive test
4. Project work based  on Site vist/implant/internship/site project/process
5. Test paper is based on 50% theory and 50% practical case-studies

Syllabus

- what is Inspection in Safety
- what is the safety inspection checklist?
- what is a daily inspection checklist
- why inspection is necessary?
- what is the difference between a safety inspection and a safety Audit?
- Inspection process
- types of inspection
- who can conduct the inspection
- Inspection effect

Inspection Documentation.

What is safety audit and why it is necessary

Identification of occupational safety & Health problems in industry and

Management Aspects &Technical Aspects of Safety Audit

1. ISO 45000 standards series

2. Auditing Process Approach including the PDCA Cycle

3. Auditing ISO 45001:2018 Standard requirements

4. Auditing Occupational Health &amp; Safety Management Systems Documentation

5. Auditing ISO 19011 standard requirements

6. Auditing Standard ISO 19011:2011 requirements

7. Auditing Roles and Responsibilities of Auditor

8. Audit Planning- Audit Plan

9. Checklists, Non Conformance Reports

10. Audit Reporting

11. Final Team Meeting / Follow-up

12. Verification / Audit Records

13. Accreditation / Certification and Auditor Registration

14. Exercises, case study etc

15. Accreditation/ Certification and Auditor Registration

16. Course Examination