

Course Syllabus: SMS Implementation

1. **COURSE TITLE** : SMS introduction and basic implementation
2. **DURATION** : 6 hours
3. **OBJECTIVE** : To provide participants with the knowledge to identify hazard and assisting the candidate using the bow tie technique in analysing the risk.
4. **OUTCOME** : By the end of the session, the candidate should be able to register the relevant hazard and using the bow tie technique according to the ICAO SMM Doc 9859.
5. **EQUIPMENT** : LCD Projector and Laptop (participant)
6. **TRAINING INSTRUCTOR** : Ts. ZULKEFLI HARUN
7. **REFERENCE MATERIALS** : ICAO SMM Doc 9859 ed. 3 and relevant documents
8. **KNOWLEDGE LEVEL** : Level 1. General knowledge of the subjects
: Level 2. A basic knowledge of the subjects
: Level 3. A detailed knowledge of the subjects
9. **LESSON PLAN** :

Item	Title	Level
1.	Brief introduction on Safety Management System.	1
2.	Understanding severity matrix application As per ICAO SMM Doc 9859	2
3.	Hazard prioritization procedure and Hazard registration requirement	2
4.	Exercise #1 – Develop and fill in the hazard registration table	3
5.	Understanding basic concept of identifying H>US>C approaches.	1
6.	Understanding the concept of bow tie analysis	2
7.	Exercise #2: Analysis hazard by using HIRM worksheet.	3