

**COURSE CONTENT OF THE RSA CERTIFICATION COURSE IN FEBRUARY 2009
IRF (India) & ARRB Certification Course (1-5 & 8-12 February 2009)**

Day – 1

Time	Details of Topics
08.00 Hrs	Registration
09.00-10.00	Welcome and Inauguration of the Course
10.00-10.45	Road Safety in India – An Overview
10.45-11.30	Safety Considerations in Road Design
11.30-11.45	Tea/Coffee
11.45-12.15	Traffic Control Devices & Safety Needs of Different Road Users
12.15-12.45	Planning for Network, Land Use and Road Environment for Safety
12.45-13.15	Road Safety Engineering – An Introduction
13.15-14.00	Lunch
14.00-14.30	Human Factors Relating to Crashes/Accidents
14.30-15.30	Introduction to Crash/Accident Investigation & Crash Data Analysis
15.30-15.45	Tea/Coffee
15.45-16.15	Crash/Accident Location Treatment & Selection of Countermeasures
16.15-16.45	Crash/Accident Investigation Reporting
16.45-17.15	Crash/Accident Costing and Legal Issues
17.15-17.45	Economic Appraisal
17.45-18.00	Summary of Day-1 & Briefing for Day-2
18.00 Hrs	Close of Day-1

Day - 2

Time	Details of Topics
09.00-09.45	Road Safety Auditing, Steps, Benefits, Model RSA
09.45-10.30	Road Safety Audit Stages and Use of Checklists
10.30-11.00	Beyond Standards – How RSA Makes a Safe Road
11.00-11.15	Tea/Coffee
11.15-11.45	Roadside Hazard Management & Land Use Development and Schematic Audits
11.45-12.15	Crash/Accident Analysis, Trends, etc for Audit
12.15-13.00	Detailed Design Audit – Method & Steps
13.00-14.00	Lunch
14.00-14.30	Detailed Design Audit – In-office Audit – Audit of an Example Design
14.30-15.30	Detailed Design Audit – In-office Audit – Audit of an Example Design
15.30-15.45	Tea/Coffee
15.45-16.30	Detailed Design Audit – In-office Audit & Preparation of Report
16.30-17.45	Group Presentations on RSA of Design, 10 Minutes per Group
17.45-18.00	Summary of Day-2 & Briefing for Day-3
18.00 Hrs	Close of Day-2

Note: All Example Audits and Preparation of Report shall be in Groups of 6 participants of the Course and there shall be five Groups out of 30 participants. There will be one mentor assigned to each Group to guide and assist throughout the Course.

Day - 3

Time	Details of Topics
09.00-09.45	Street Lighting, Traffic Signals, Pavement Marking & Signing
09.45-10.30	Cyclists, Pedestrians and Motorcyclists, Other NMT vehicles
10.30-11.00	Speed Zoning/Speed Control
11.00-11.15	Tea/Coffee
11.15-11.45	Human Factors in Road Safety Auditing
11.45-12.15	Road Safety Audit in Road Works
12.15-13.00	Existing Roads Audit – Use of Checklist and Reporting
13.00-14.00	Lunch
14.00-14.30	Legal Implications of Road Safety Audit
14.30-15.30	Prioritization of Road Safety Audit Findings
15.30-15.45	Tea/Coffee
15.45-16.30	Responding to a Road Safety Audit Report
16.30-17.45	Organizational Commitment / Encouraging Road Safety Audit
17.45-18.00	Summary of Day-3 & Briefing for Day-4
18.00 Hrs	Close of Day-3

Day - 4

Time	Details of Topics
09.00-10.30	Existing Roads Audit –Site Visit (An Example Stretch of Road)
10.30-11.30	Construction Zone Audit – Site Visit
11.00-11.15	Tea/Coffee
11.30-13.00	Audit of Grade Separated Intersection (Site Visit)
13.00-14.00	Lunch
14.00-15.30	Preparation of the Audit Reports
15.30-15.45	Tea/Coffee
15.45-16.30	Preparation of the Audit Reports
16.30-17.45	Free time
17.45-18.00	Summary of Day-4 & Briefing for Day-5
18.00-20.00	Night-time Audit (Site Visits)
20.00 Hrs	Close of Day-4

Day - 5

Time	Details of Topics
09.00-09.30	Risk Management & Safe Systems
09.30-10.00	Corrective Action Report
10.00-10.30	Presentation & Discussion of RSA Report by Groups: 30 Minutes for Each Group
10.30-10.45	Tea/Coffee
10.45-13.00	Presentation & Discussion of RSA Report by Groups; 30 Minutes for Each Group
13.00-14.00	Lunch
14.00-15.00	Presentation & Discussion of RSA Report by Groups; 30 Minutes for Each Group
15.00-15.15	Tea/Coffee
15.15-16.00	Course Evaluation
16.00-17.30	Closing Function & Certificate Presentation
17.30-17.45	Closing Remarks & Dispersal

