

**GOVERNMENT OF GOA
GOA STATE FIRE FORCE TRAINING CENTRE
DIRECTORATE OF FIRE & EMERGENCY SERVICES
ST. INEZ, PANAJI, GOA**

**COURSE: SAFE TRANSPORTATION OF HAZARDOUS GOODS FOR DRIVER AS
PER CENTRAL MOTOR VEHICLE ACT AND RULES.**

COURSE DURATION

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|--|---|----|----------------------------------|
| 1. Duration of Course | : | 03 | Weeks |
| 2. No. of working days available | : | 15 | (except Sundays, Saturdays & GH) |
| 3. Full working days | : | 15 | |
| 4. Nos. of Periods in full working day | : | 08 | (08 x 3 = 24) |
| 5. No. of Periods available | : | 24 | |

DAILY SCHEDULE

Duration	Programme	Duration	Programme
08.00 – 08.15	Morning Roll Call	11.50 – 12.35	5 th Period
08.15 – 09.00	1 st Period	12.35 – 14.30	Lunch Break
09.05 – 09.50	2 nd Period	14.30 – 15.15	6 th Period
09.50 – 10.10	Tea Break	15.15 – 16.00	7 th Period
10.10 – 10.55	3 rd Period	16.00 – 16.15	Tea Break
11.00 – 11.45	4 th Period	16.15 – 17.00	8 th Period

BLOCK SYLLABUS

Sr. No.	Subject	Periods to be assigned		
		Theory	Practical	Total
1.	Registration and Inauguration.	2	-	2
2.	Course Introduction Purpose, Objectives and methodology, inaugurations.	1		1
1.	Hose & Hose Fittings. (a) Hose – Types of Hose, Characteristics of Hose, Causes of Decay, Prevention of Decay, Storage, Stowage, Standard Test and Hose Drill. (b) Hose Fittings – Couplings, Branches, Nozzles, Collecting Heads, Breechings, Adaptors and Use in Hose Drill.	1	2	3
3.	Chemistry of Fire, Chemical Fire Extinguishers and Classification of Fire	1	4	6
4.	Safe Transportation of Hazardous Goods - Reasons for accident, Recommendations of UNO's Expert Committee, Classification of Hazardous Goods, Transport Emergency Card & Panel, HazChem Code, Main Chemical Risks to Health, Exposures to Gases, Liquids & Vapours, Chemicals causing dermatitis,, Safe Handling of Compressed gas Cylinders., Safe Loading and Unloading of Road Tankers, safety fittings on POL/LPG Tank Truck, Hazardous Gases/Liquids and precautions.	2	2	4
5.	Breathing Apparatus and Drill.	2	2	4
6.	Instructional Film.	--	--	1
7.	Course Review, Feedback & Valedictory	3	-	03
Total Periods:-		13	10	24